1.0 Reference and Address			
Report Number	221200472HAN-001	Original Issued: 5-Jun-2023	Revised: 27-May-2024
Standard(s)	Ice Makers [UL 563:2009 Ed.8+R:26May2021] Refrigeration Equipment (R2018) [CSA C22.2#120:2013 Ed.4]		

Applicant	SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE CO., LTD	Manufacturer	**SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE CO., LTD**
Address	YUEXIE ROAD, SHANGYU DISTRICT, SHAOXING CITY, ZHEJIANG PROVINCE	Address	YUEXIE ROAD, SHANGYU DISTRICT, SHAOXING CITY, ZHEJIANG PROVINCE
Country	P.R.CHINA	Country	P.R.CHINA
Contact	Mr. CAI	Contact	Mr. CAI
Phone	86-575-82039009	Phone	86-575-82039009
FAX	86-575-82031758	FAX	86-575-82031758
Email	gtccxx@163.com	Email	gtccxx@163.com

2.0 Product Description	
Product	Ice maker
Brand name	Auseo, Antarctic Star, Kismile, AGLUCKY, Paris Hilton
Description	The product covered by this report is ice maker intended for indoor use. The product is a cord-connected unit with a recognized mould-on grounding plug and intended to be connected to 120V power supply.
Models	CB22C, CB23H, CB23H-28T, CB24C, Z3424-WHITE, Z3424-BLACK, CB24M-A, CB24M-B, CB24M-C, CB24M-D, CB24M-E, CB24M-F, CCIC152-SSWHITE, CCIC152-SSBLACK, CCIC152-SS, Z3424SN, CCIMC24, KKIMBF-26SS, PH12345; may be followed by -; may be followed by up to two characters, W137USN-B101
Model Similarity	CB23H is same as CB22C except size, appearance and components. CB23H-28T is same as CB23H except control panel. CB24C is same as CB22C except control panel. Z3424-WHITE, Z3424-BLACK are same as CB24C except model name. CB24M-A is same as CB23H-28T except evaporator, components and appearance. CB24M-B, CB24M-C are same as CB24M-A except control panel and appearance. CB24M-D, CB24M-E, CB24M-F are same as CB24M-A except appearance. CCIC152-SSWHITE, CCIC152-SSBLACK, CCIC152-SS are same as CB24M-A except color. Z3424SN is same as CB24M-C except model name. CCIMC24 is same as CB24M-E except model name. KKIMBF-26SS is same as CB23H except model name. PH12345 is same as CB22C except model name. W137USN-B101 is same as CB24M-B except model name.
Ratings	120V, 60Hz, 1.5A, R600a/30g.
Other Ratings	High side pressure: 362psig, Low side pressure: 128psig.

3.0 Product Photographs

Photo 1 - front view of CB22C

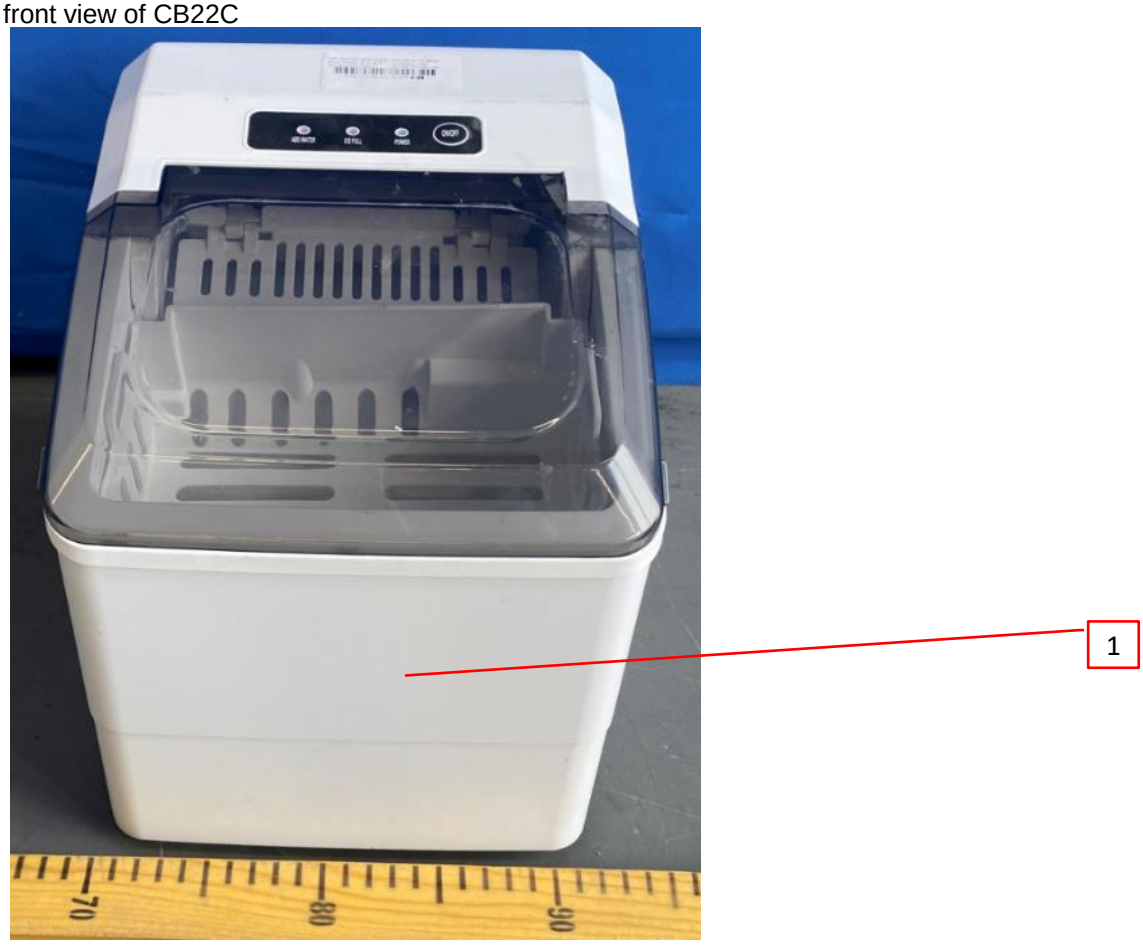


Photo 2 - side view of CB22C

3.0 Product Photographs

Photo 3 - side view of CB22C

Photo 4 - back view of CB22C

3.0 Product Photographs

Photo 5 - bottom view of CB22C

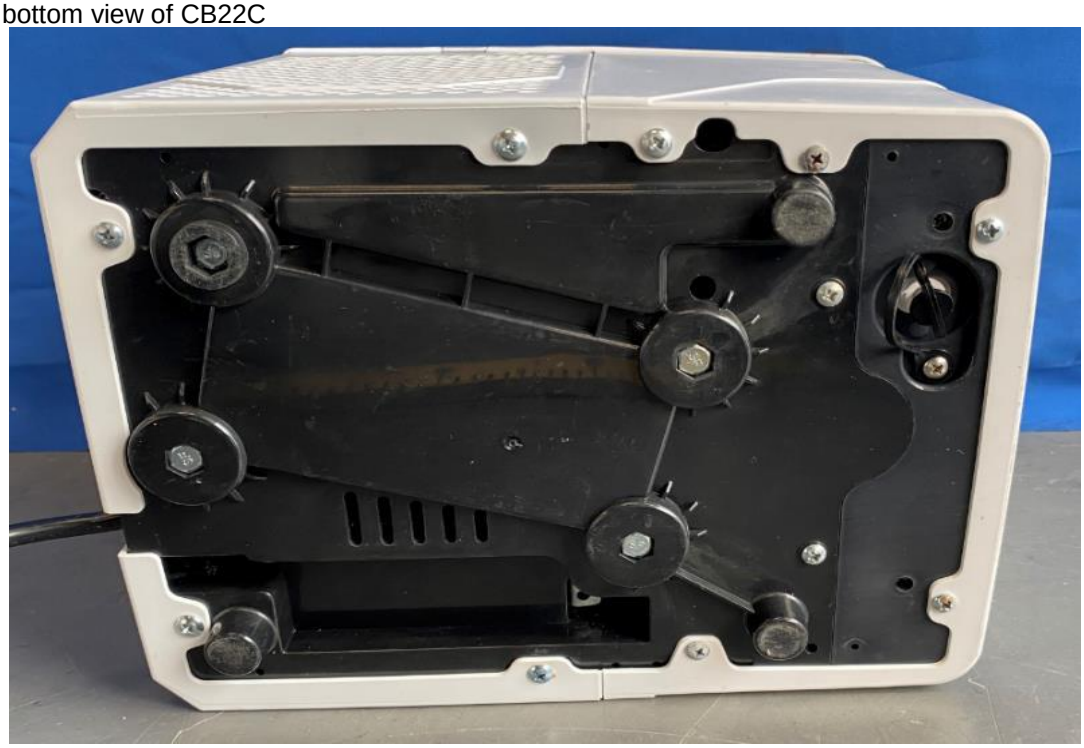
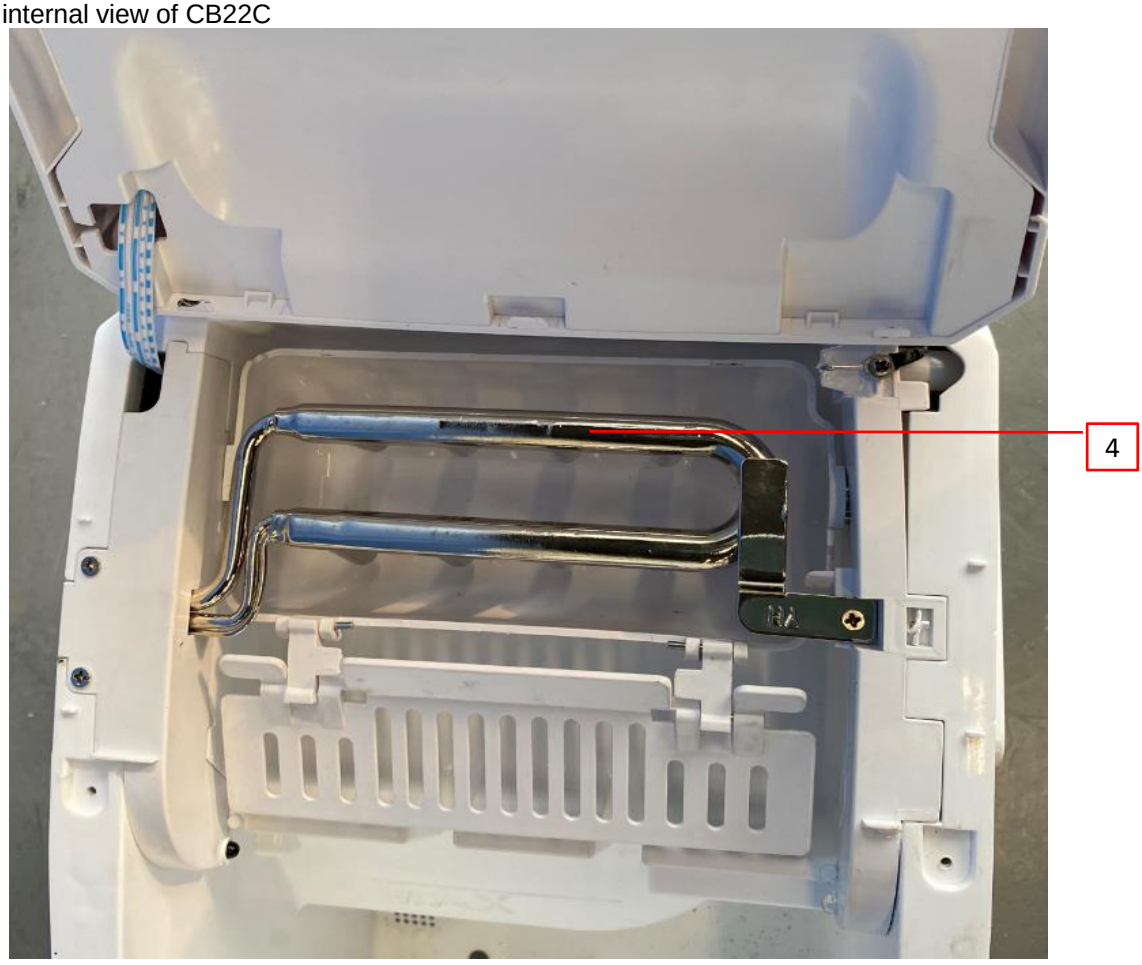


Photo 6 - door open view of CB22C

3.0 Product Photographs

Photo 7 - water container view of CB22C

Photo 8 - internal view of CB22C



3.0 Product Photographs

Photo 9 - internal view of CB22C

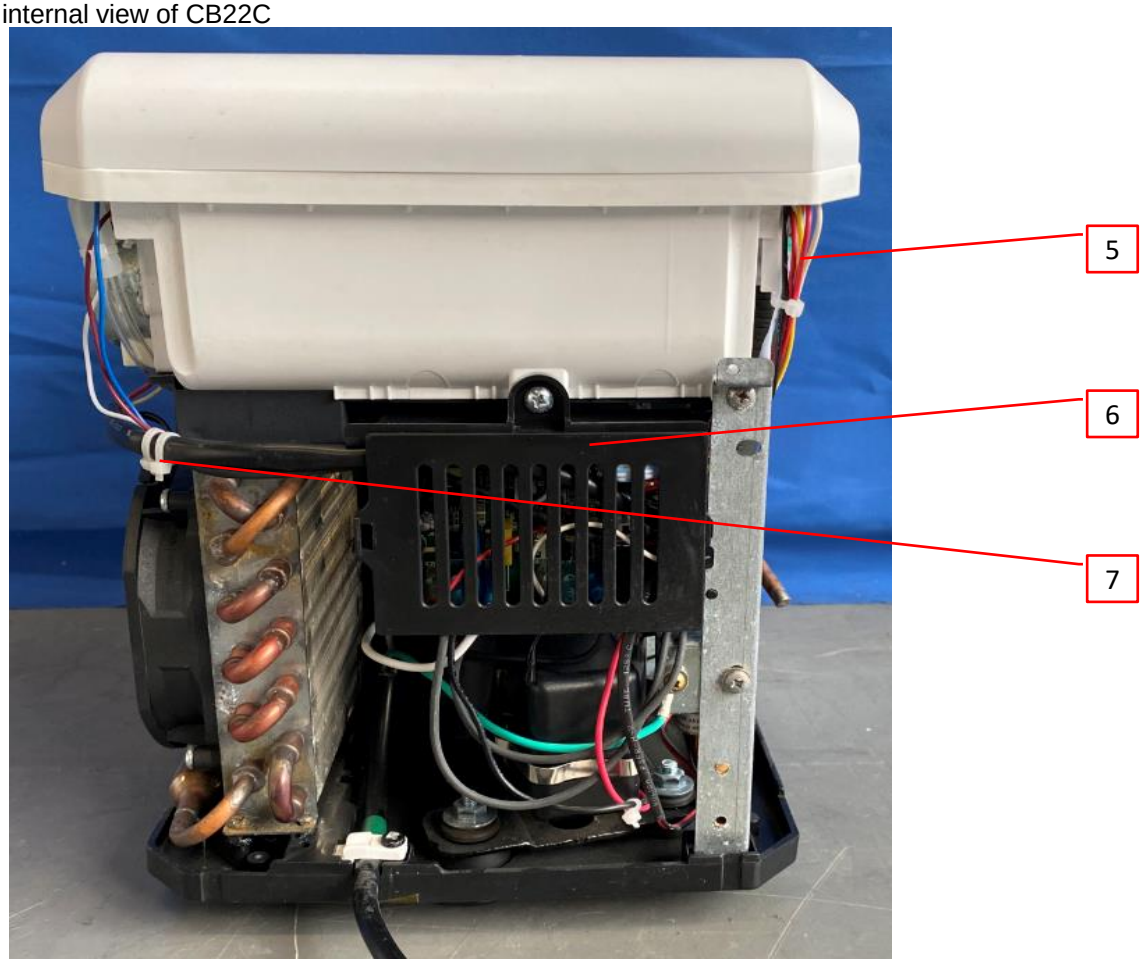
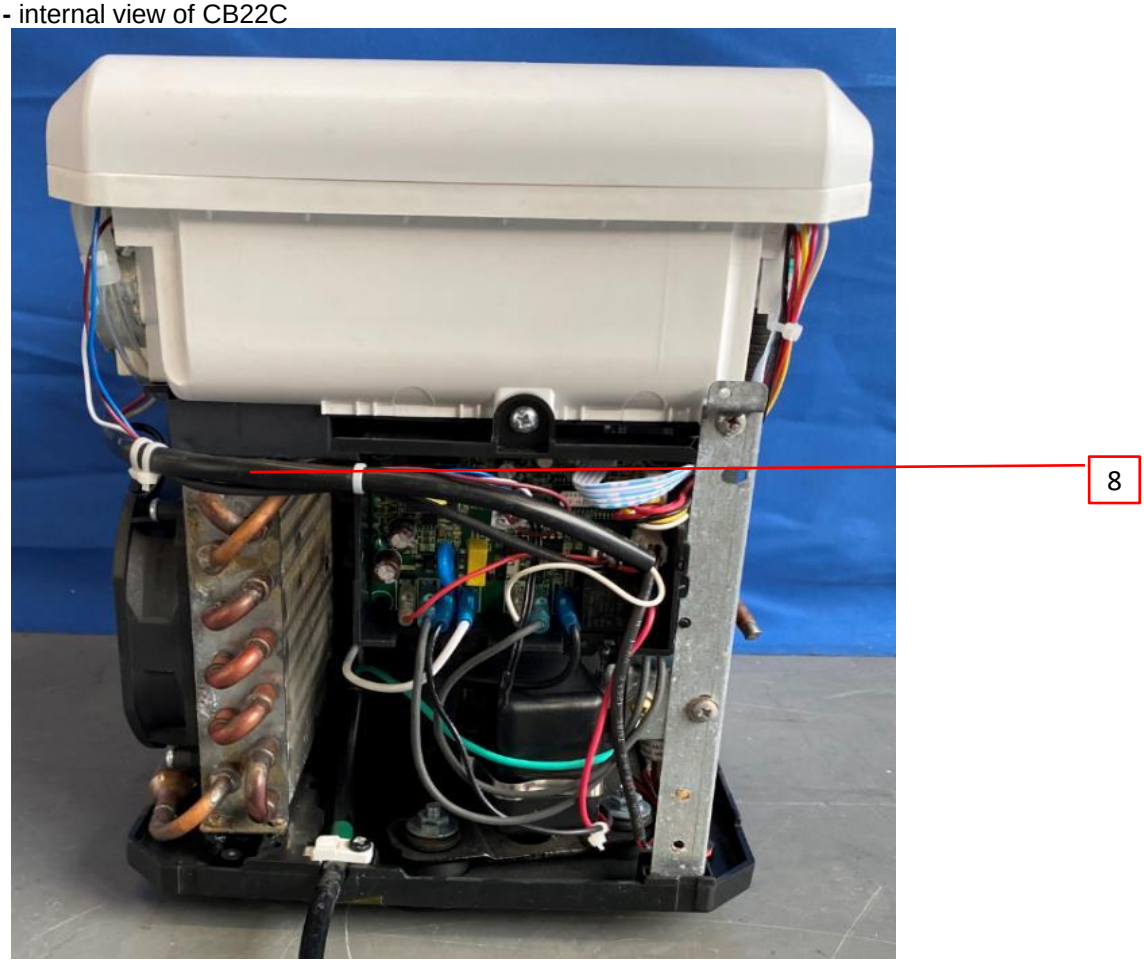


Photo 10 - internal view of CB22C



3.0 Product Photographs

Photo 11 - internal view of CB22C

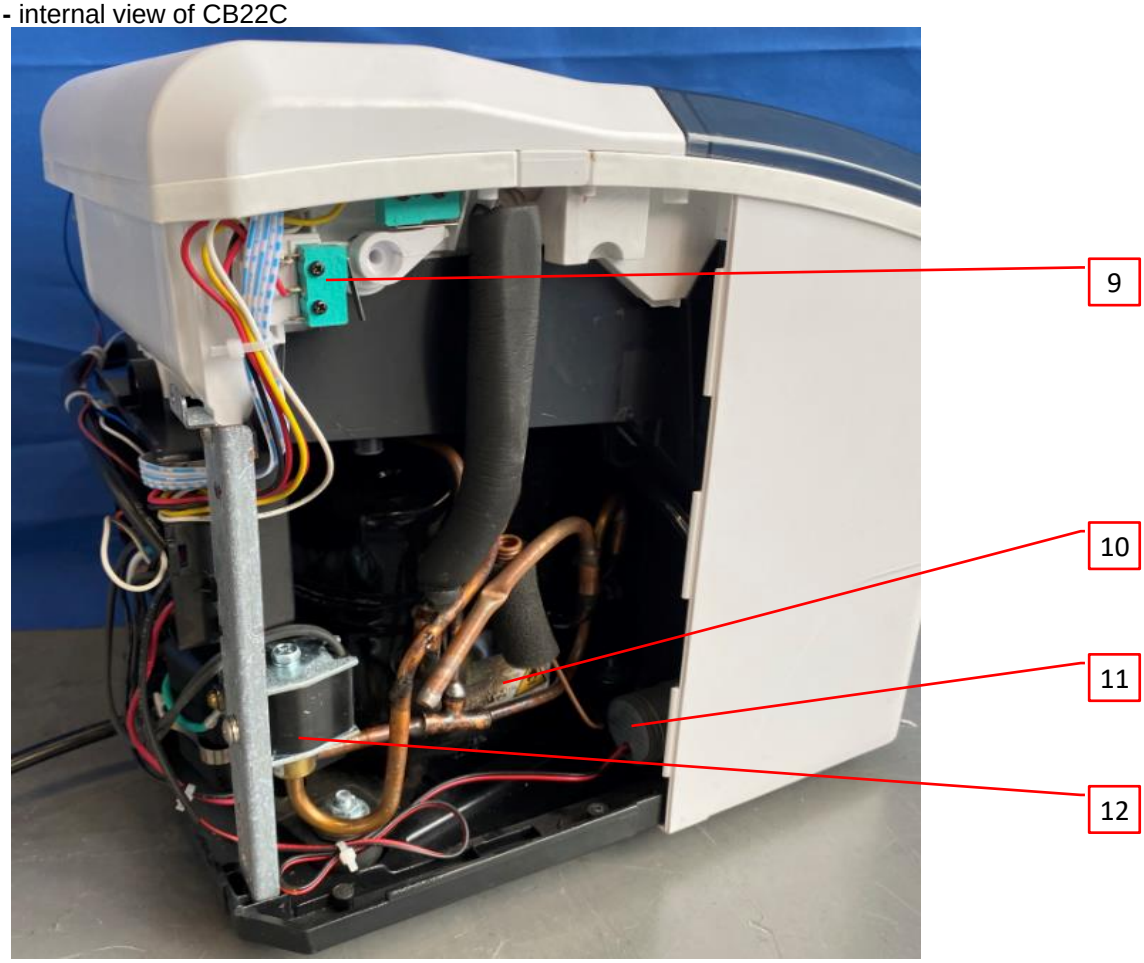
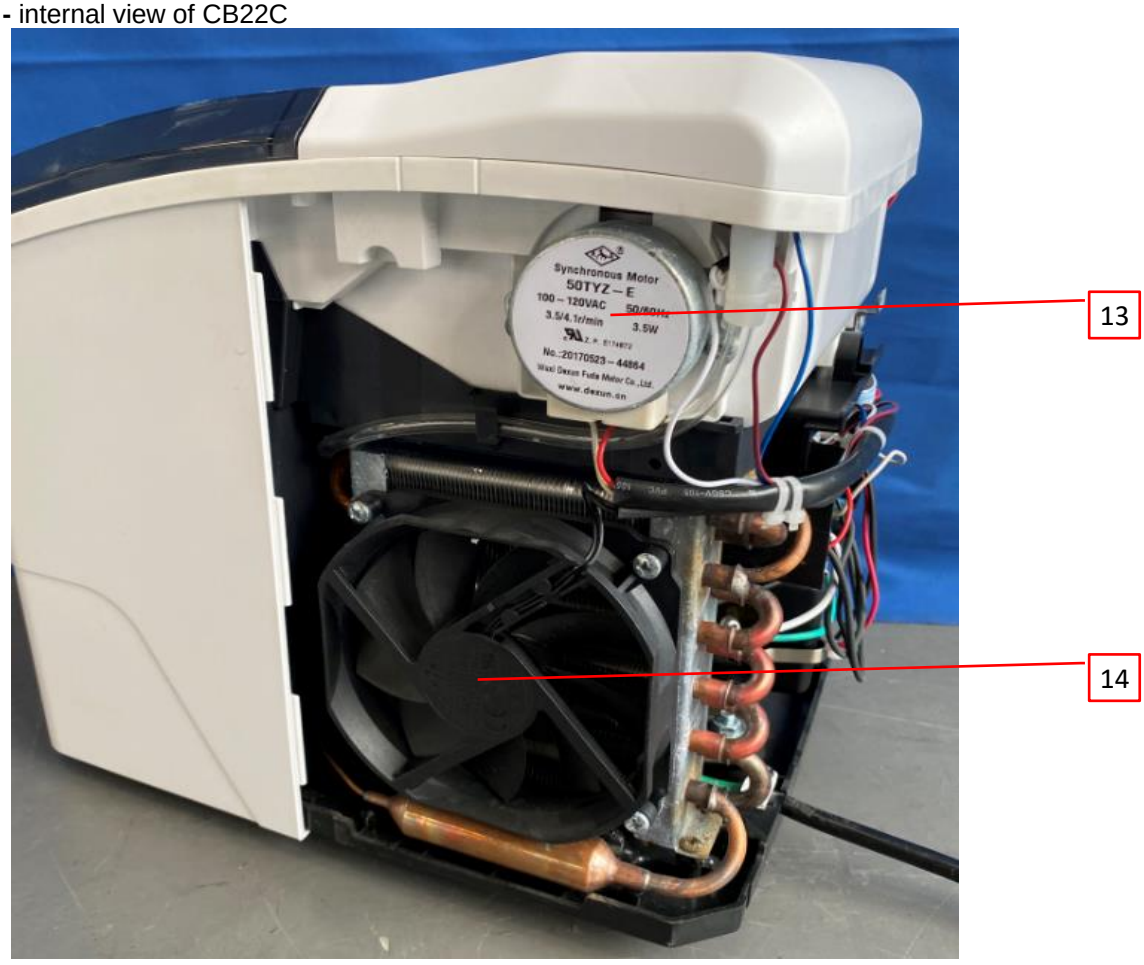


Photo 12 - internal view of CB22C



3.0 Product Photographs

Photo 13 - internal view of CB22C

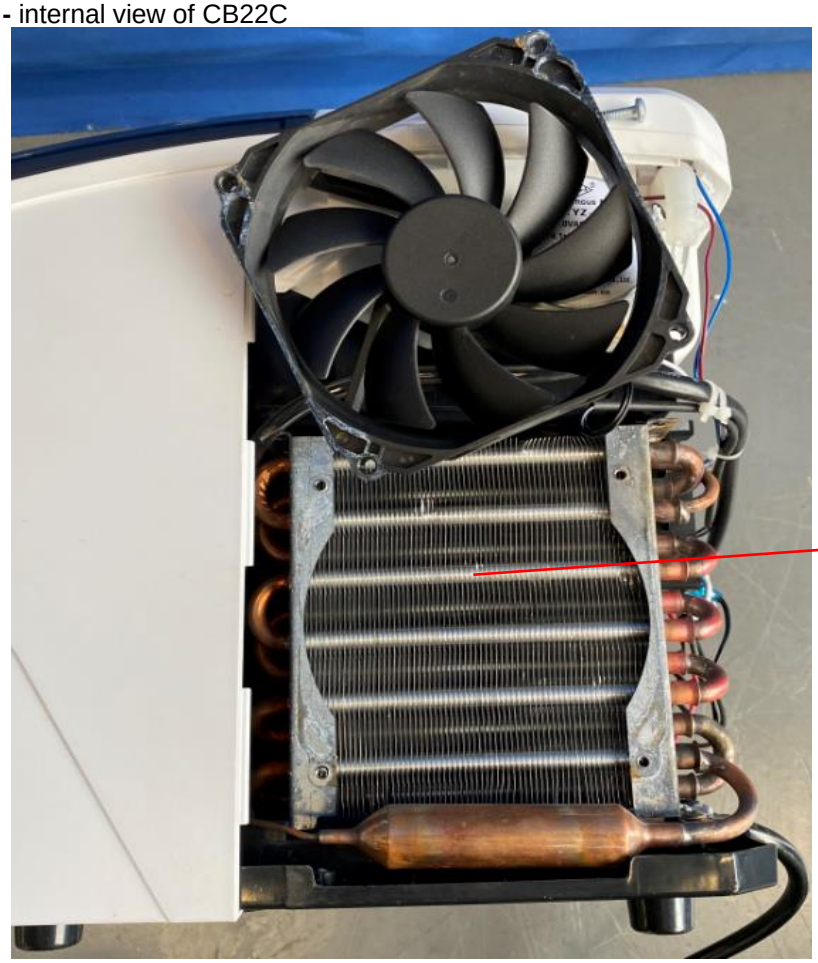


Photo 14 - control panel view of CB22C

Photo 15 - display PCB view of CB22C

3.0 Product Photographs

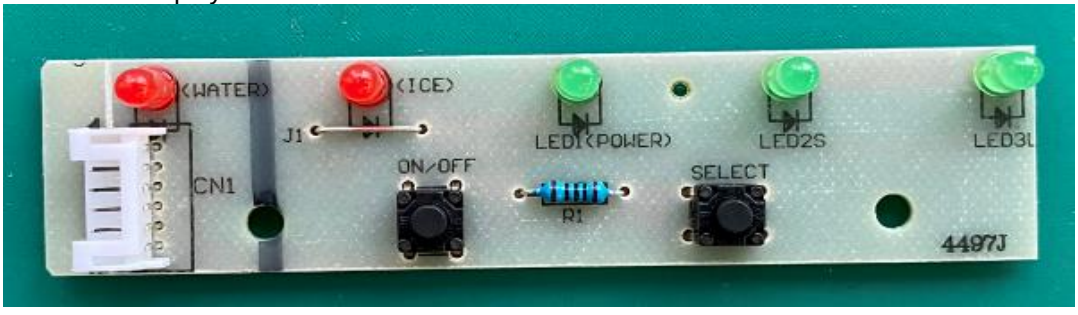
Photo 16 - display PCB view of CB22C

Photo 17 - alternative control panel view of CB22C

Photo 18 - alternative display PCB view of CB22C

Photo 19 - alternative display PCB view of CB22C

Photo 20 - alternative display PCB view of CB22C



3.0 Product Photographs

Photo 21 - alternative display PCB view of CB22C

Photo 22 - main PCB view of CB22C and CB23H

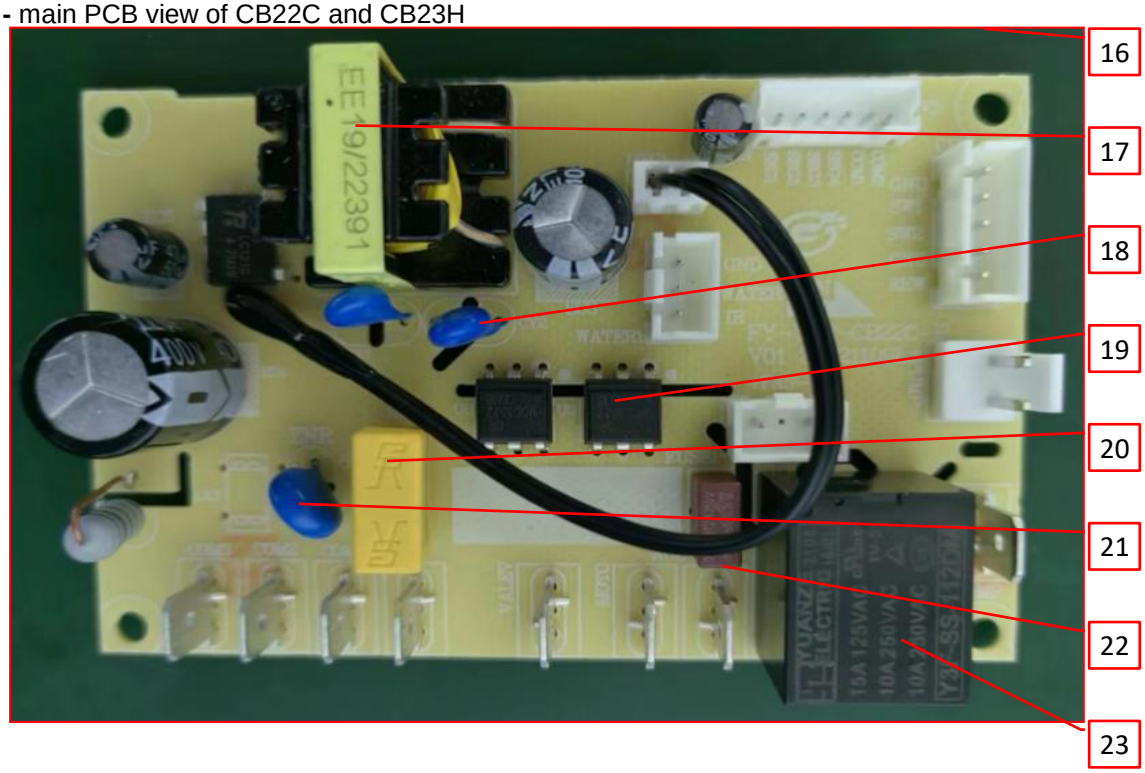
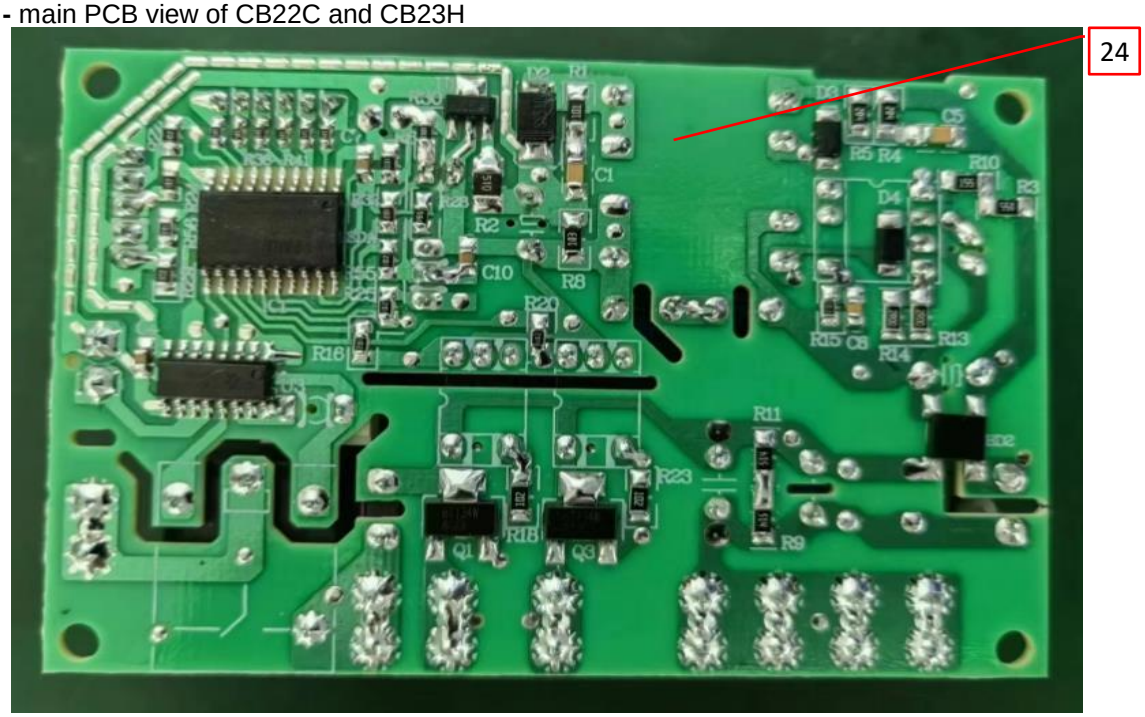


Photo 23 - main PCB view of CB22C and CB23H



3.0 Product Photographs

Photo 24 - alternative main PCB view of CB22C and CB23H

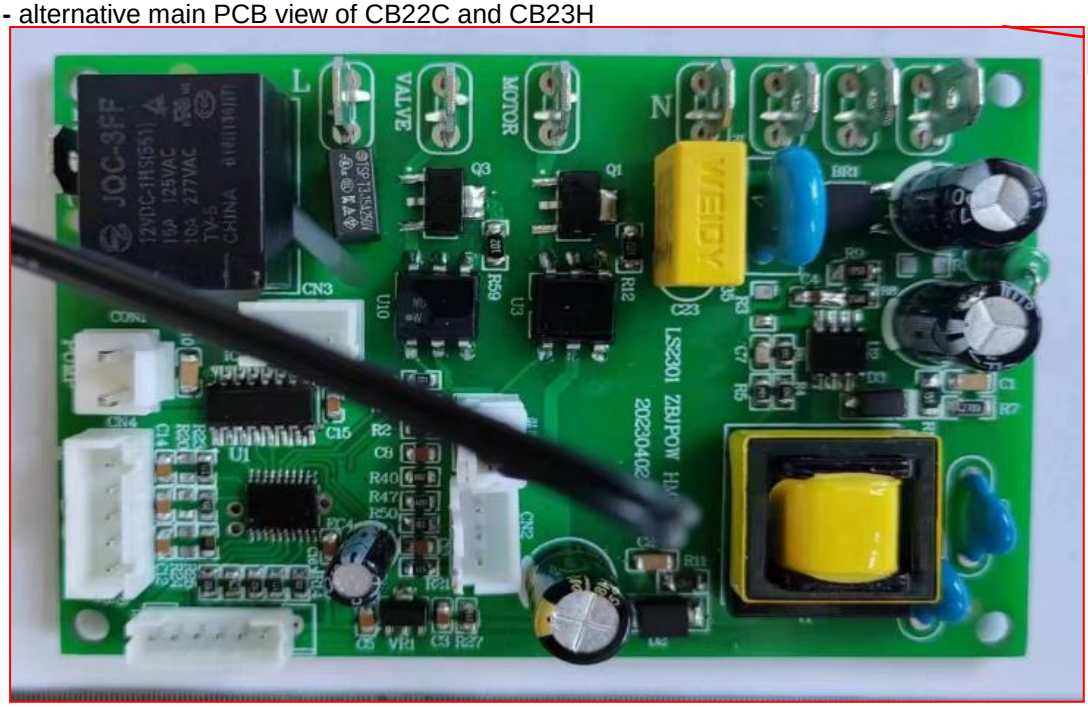
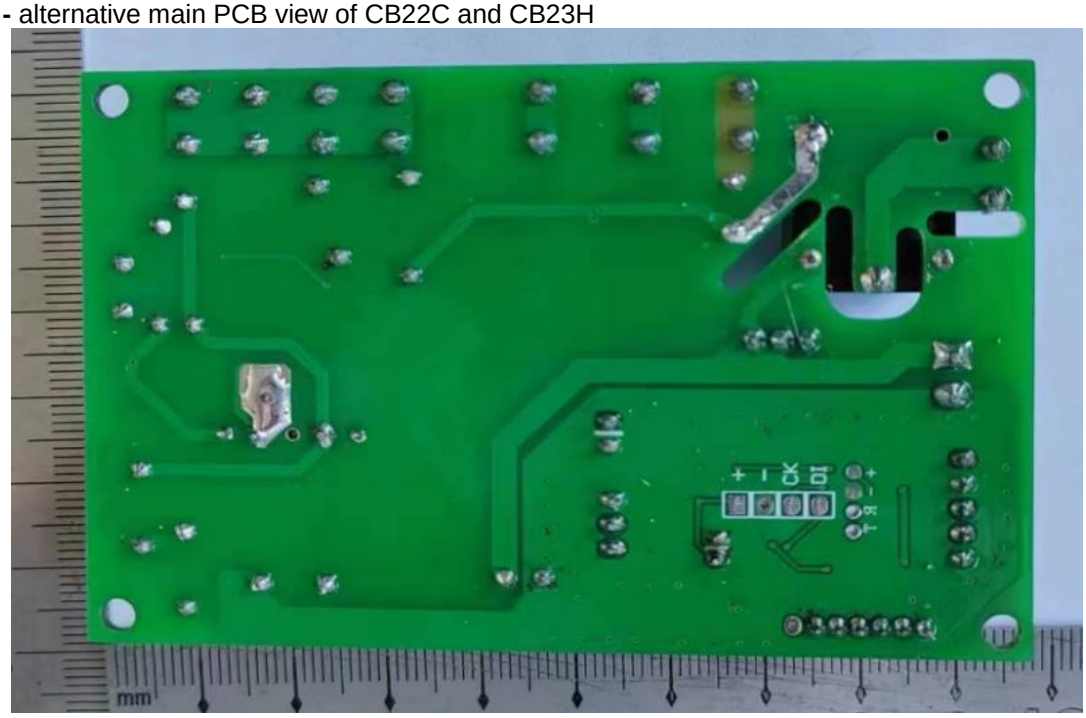


Photo 25 - alternative main PCB view of CB22C and CB23H



3.0 Product Photographs

Photo 26 - alternative main PCB view of CB22C and CB23H

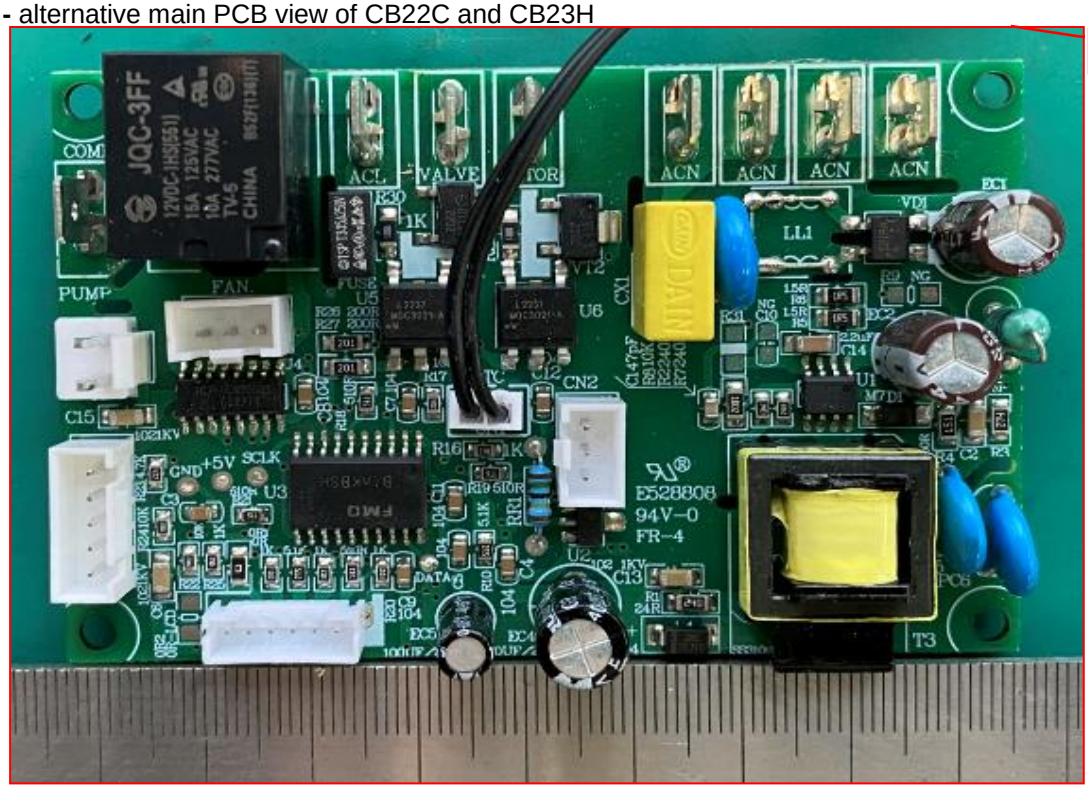
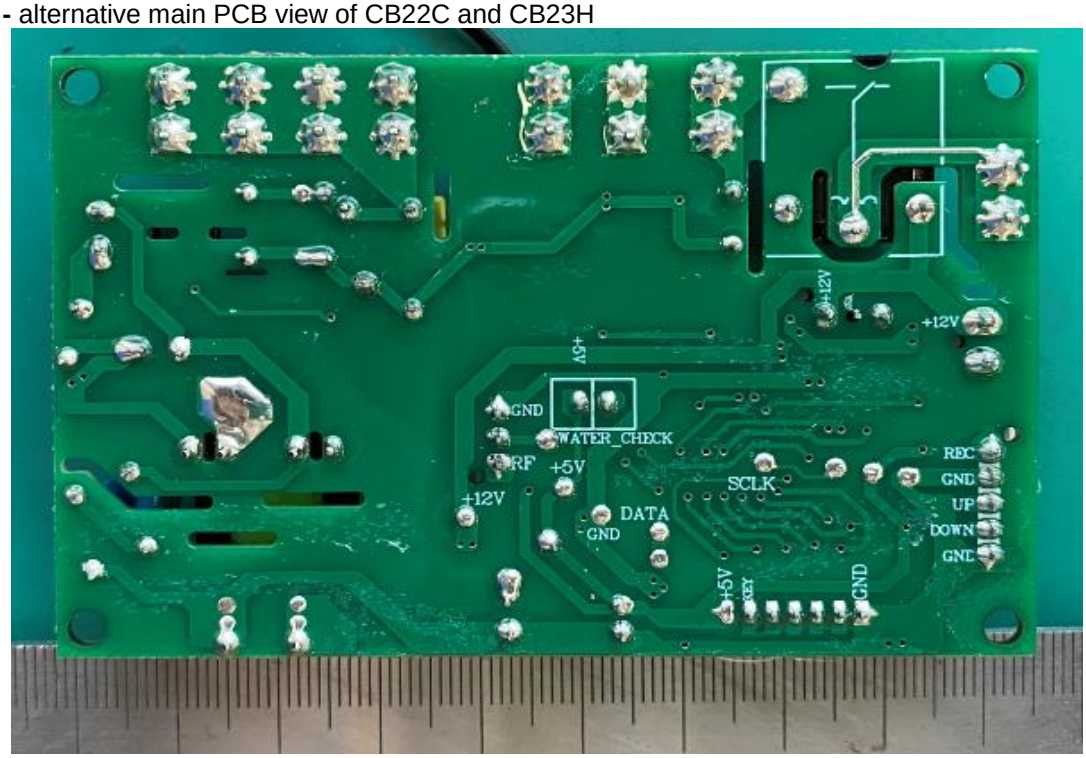


Photo 27 - alternative main PCB view of CB22C and CB23H



3.0 Product Photographs

Photo 28 - transformer view of EE19

Photo 29 - transformer view of EE16

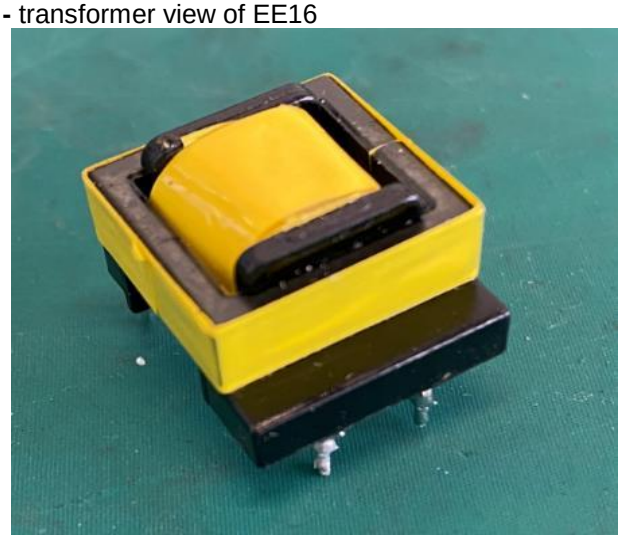


Photo 30 - transformer view of YC-EE16-132

3.0 Product Photographs

Photo 31 - front view of CB23H

Photo 32 - side view of CB23H

3.0 Product Photographs

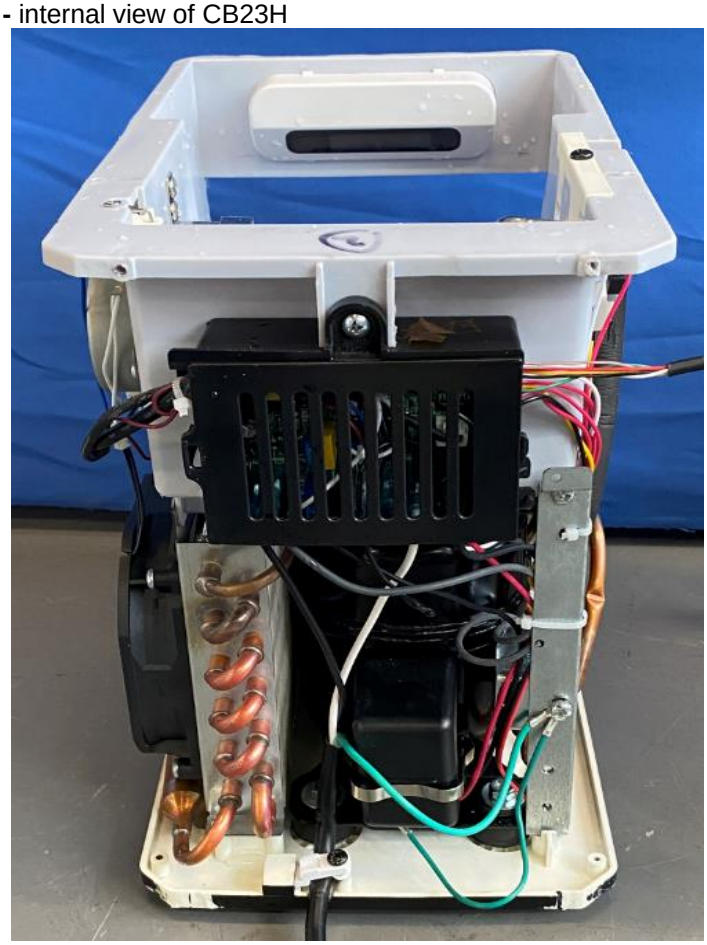
Photo 33 - side view of CB23H

Photo 34 - back view of CB23H

3.0 Product Photographs

Photo 35 - water container view of CB23H

Photo 36 - internal view of CB23H



3.0 Product Photographs

Photo 37 - internal view of CB23H

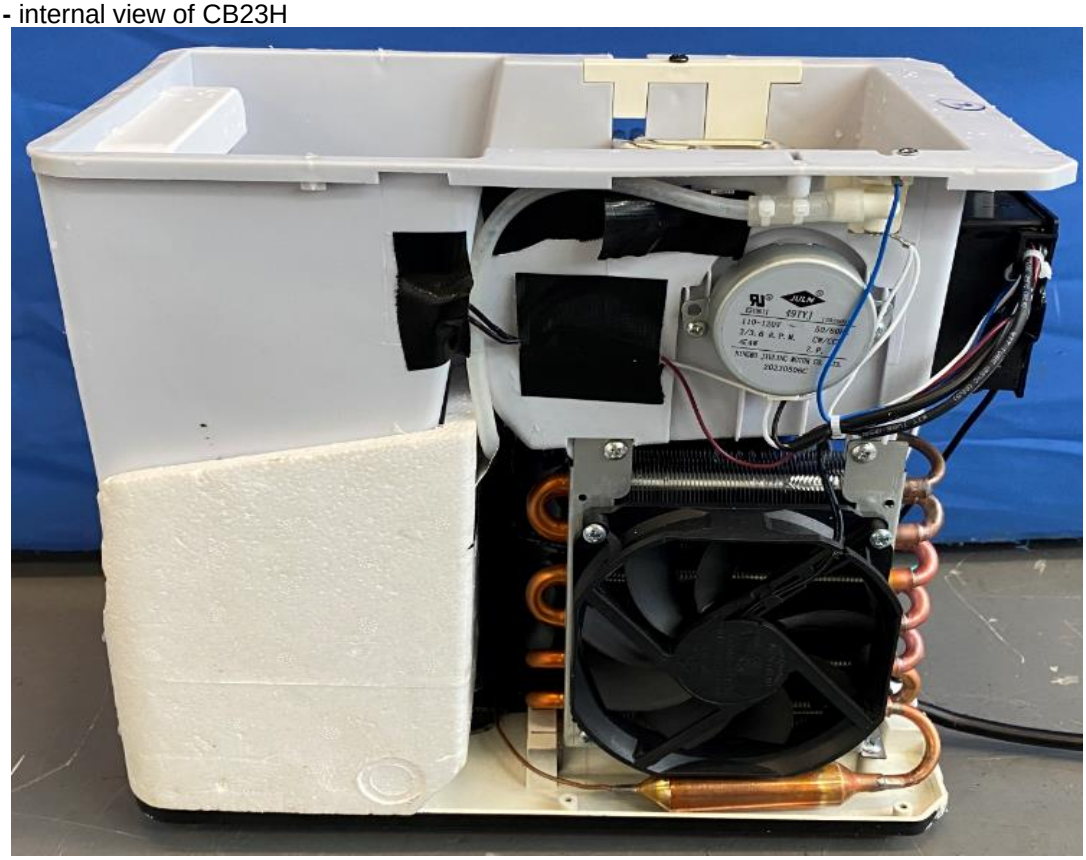
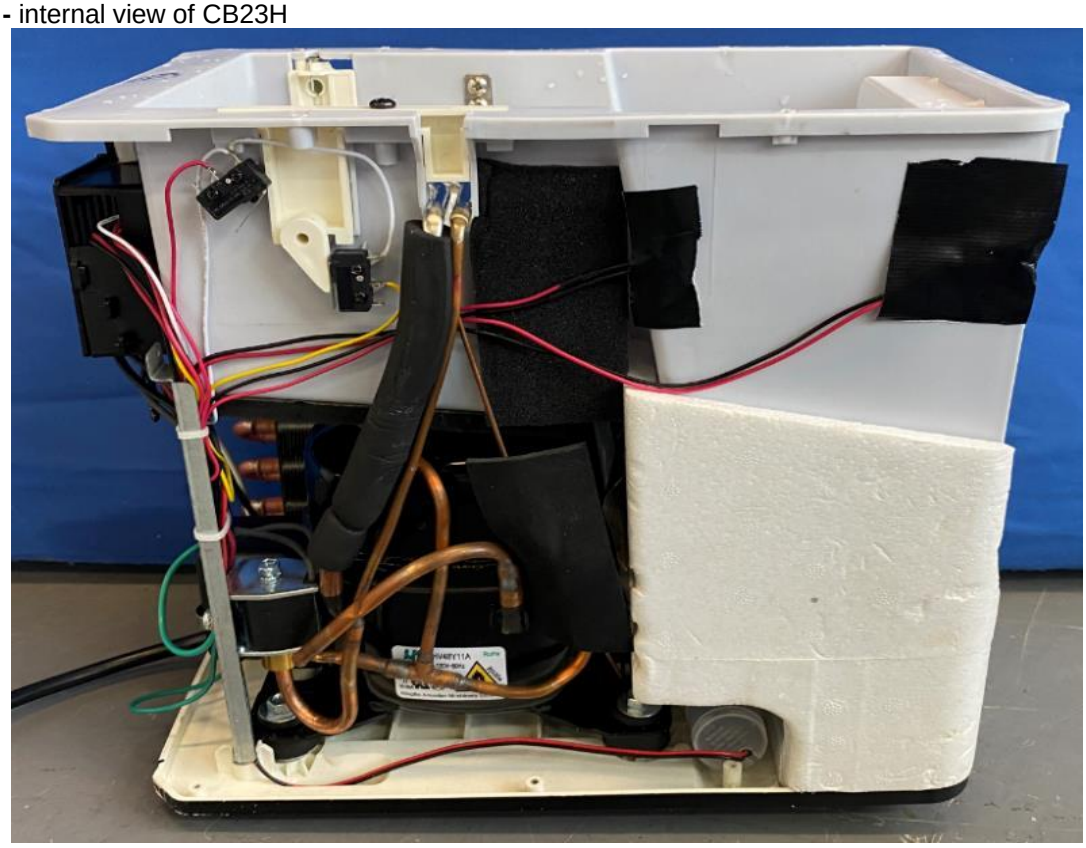


Photo 38 - internal view of CB23H



3.0 Product Photographs

Photo 39 - internal view of CB23H

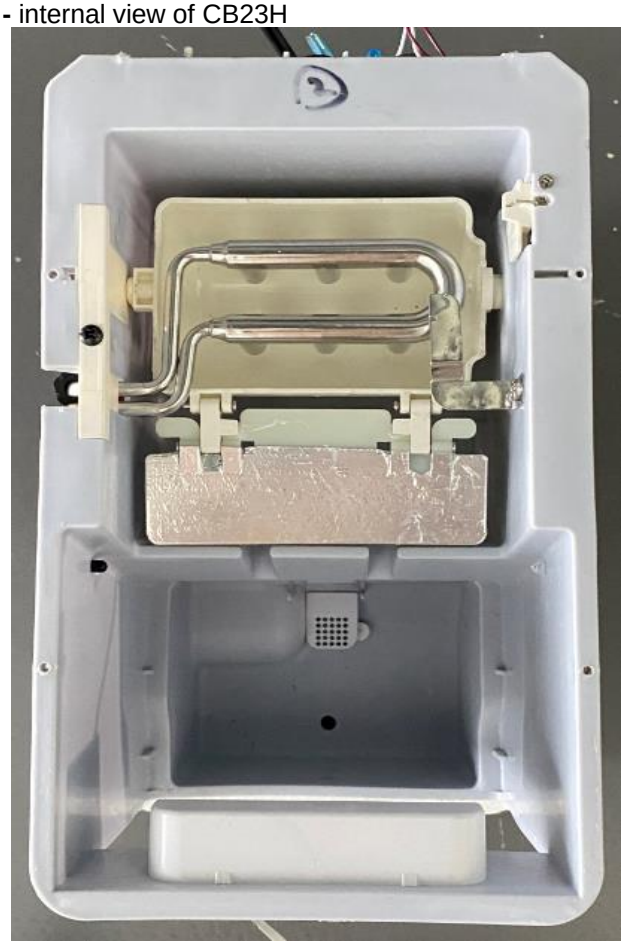


Photo 40 - internal view of CB23H

3.0 Product Photographs

Photo 41 - control panel view of CB23H

Photo 42 - display PCB view of CB23H

Photo 43 - display PCB view of CB23H

Photo 44 - front view of CB23H-28T

3.0 Product Photographs

Photo 45 - control panel view of CB23H-28T, CB24M-A, CB24M-D, CB24M-E, CB24M-F

Photo 46 - front view of CB24C

Photo 47 - control panel view of CB23H-28T and CB24C

3.0 Product Photographs

Photo 48 - display PCB view of CB23H-28T, CB24C, CB24M-A, CB24M-D, CB24M-E, CB24M-F

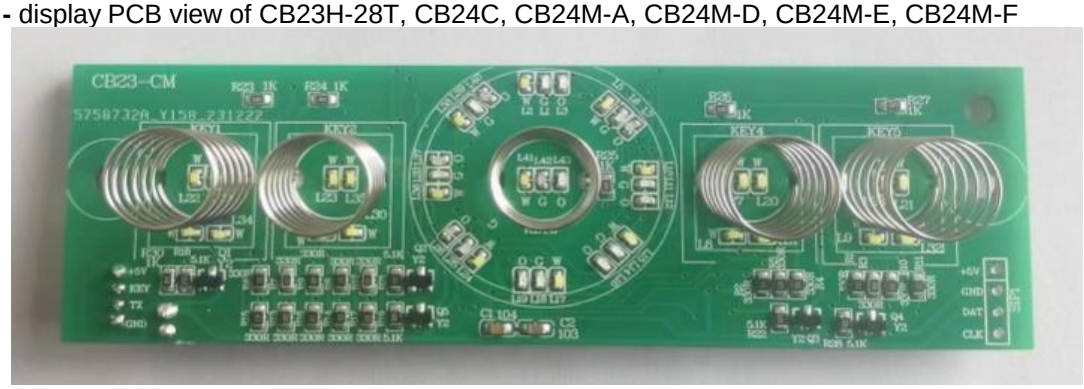


Photo 49 - display PCB view of CB23H-28T, CB24C, CB24M-A, CB24M-D, CB24M-E, CB24M-F

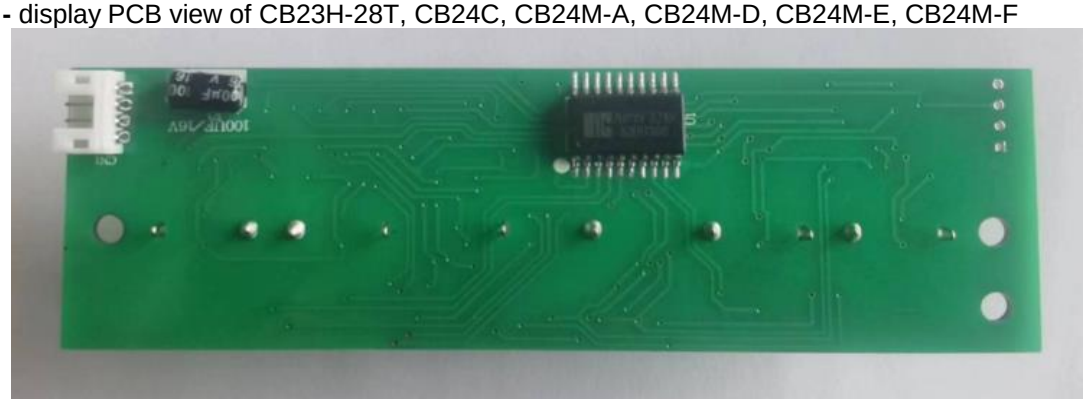
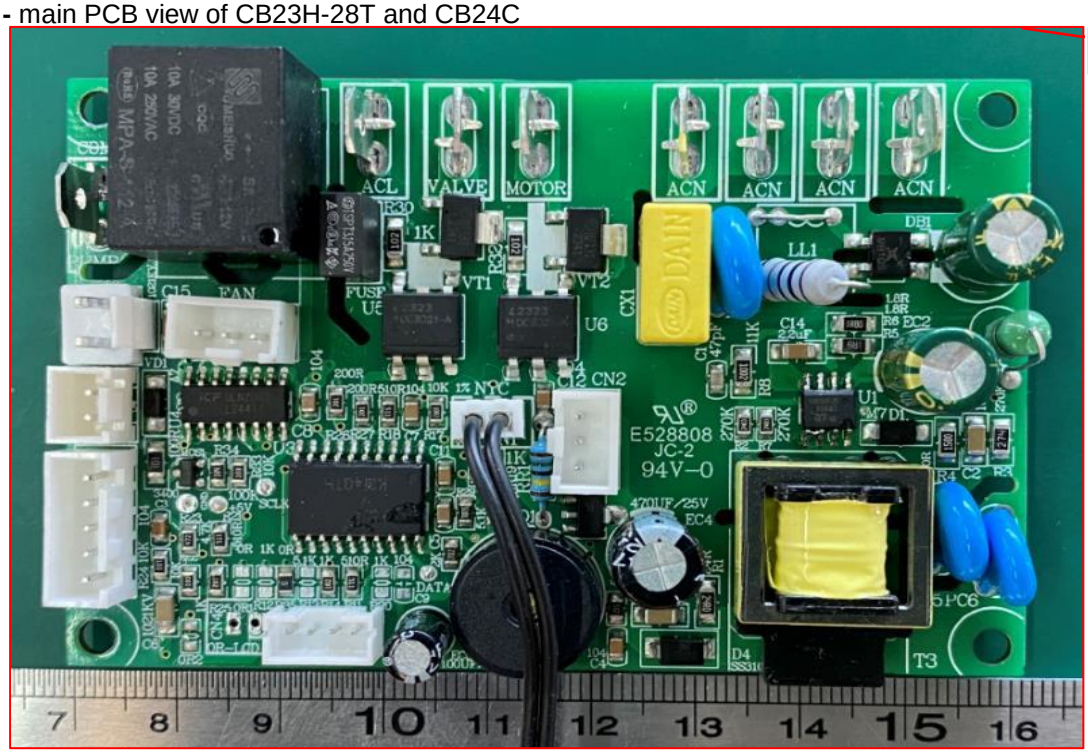


Photo 50 - main PCB view of CB23H-28T and CB24C



3.0 Product Photographs

Photo 51 - main PCB view of CB23H-28T and CB24C

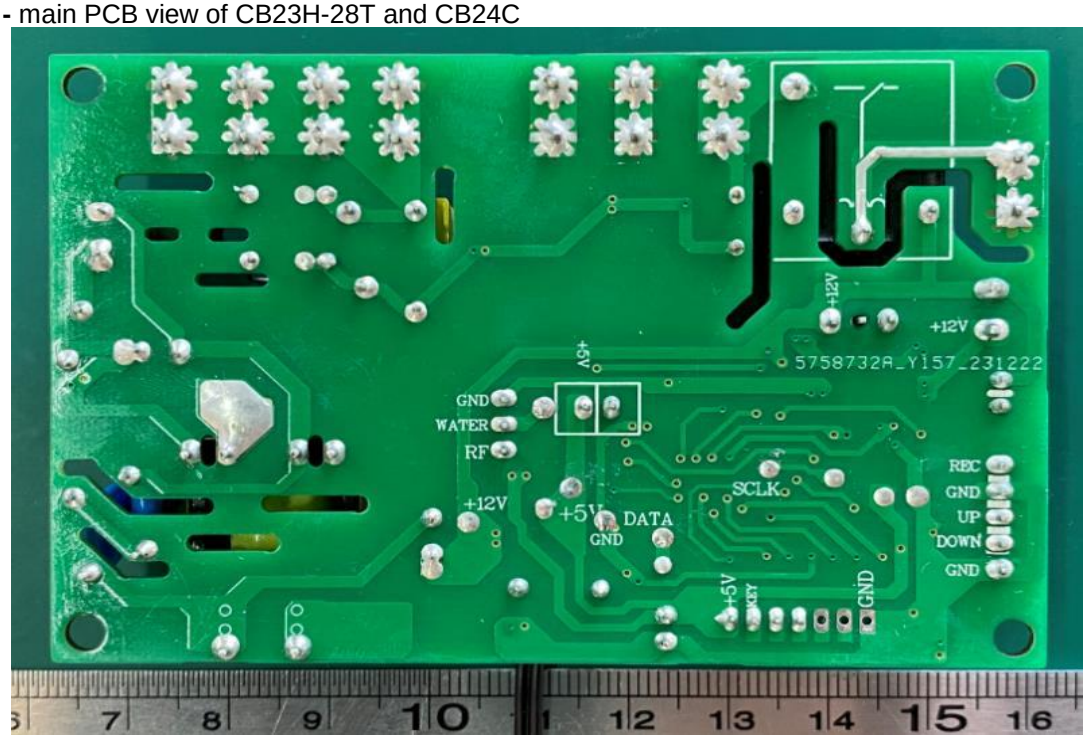


Photo 52 - front view of CB24M-B

3.0 Product Photographs

Photo 53 - side view of CB24M-B

Photo 54 - side view of CB24M-B

3.0 Product Photographs

Photo 55 - back view of CB24M-B

Photo 56 - internal view of CB24M-B

3.0 Product Photographs

Photo 57 - internal view of CB24M-B

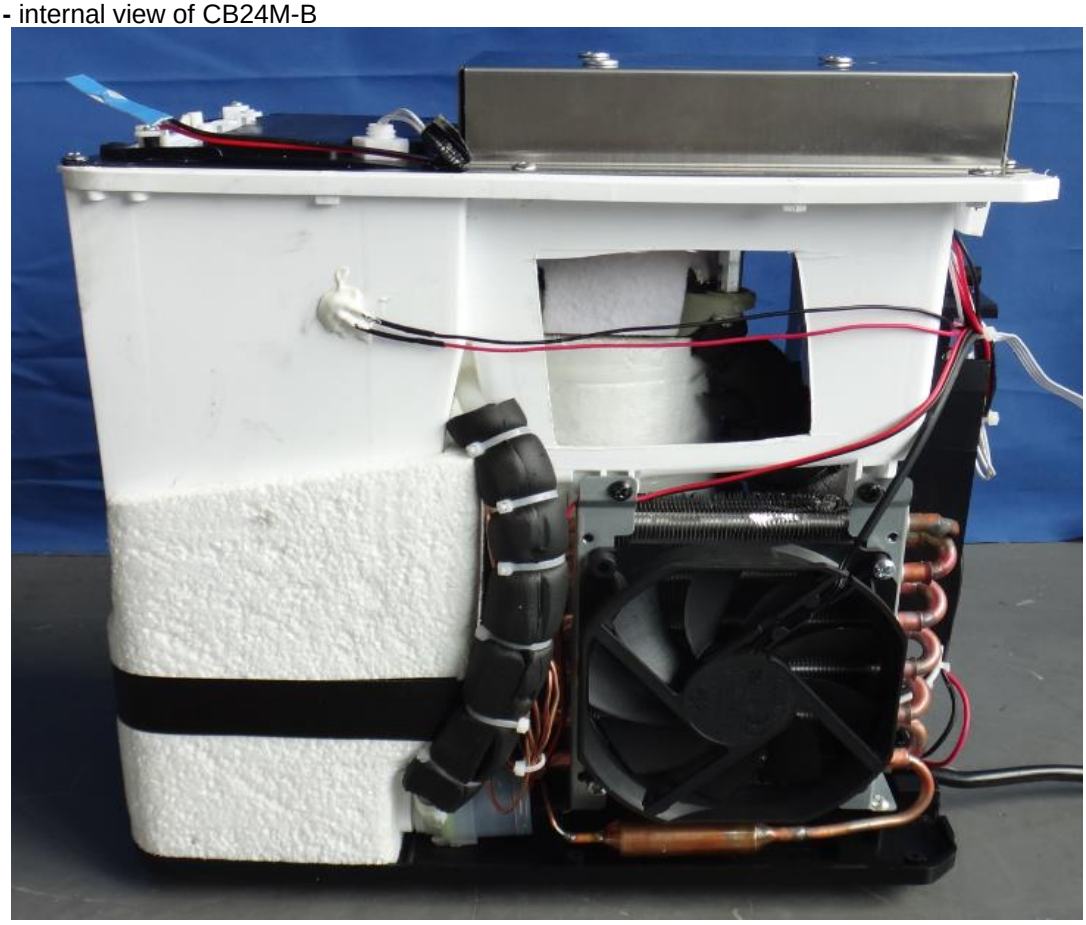
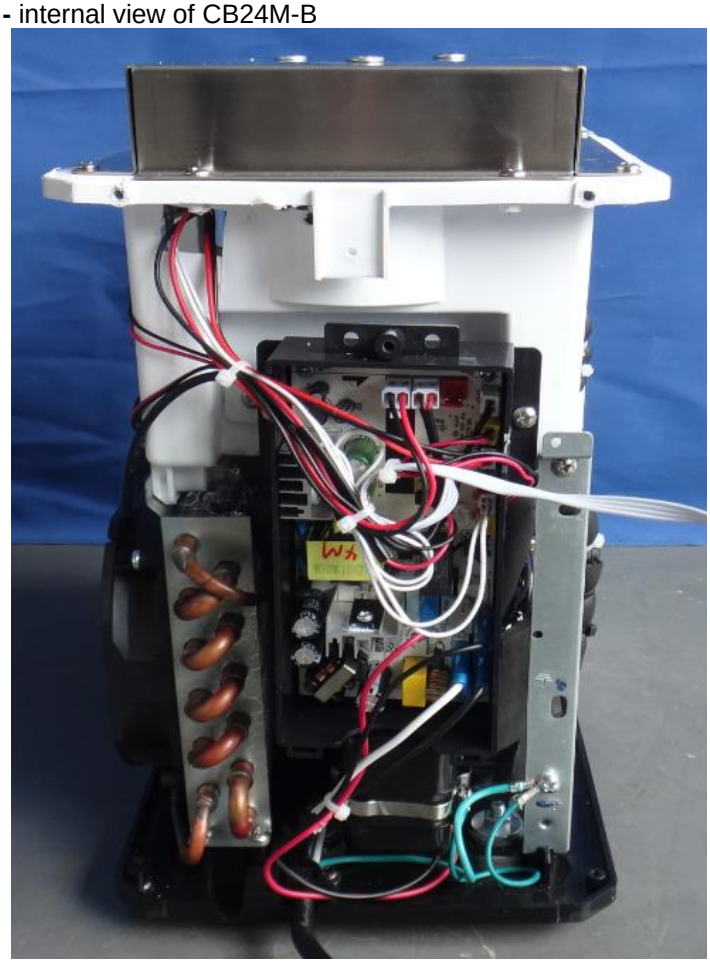


Photo 58 - internal view of CB24M-B



3.0 Product Photographs

Photo 59 - internal view of CB24M-B

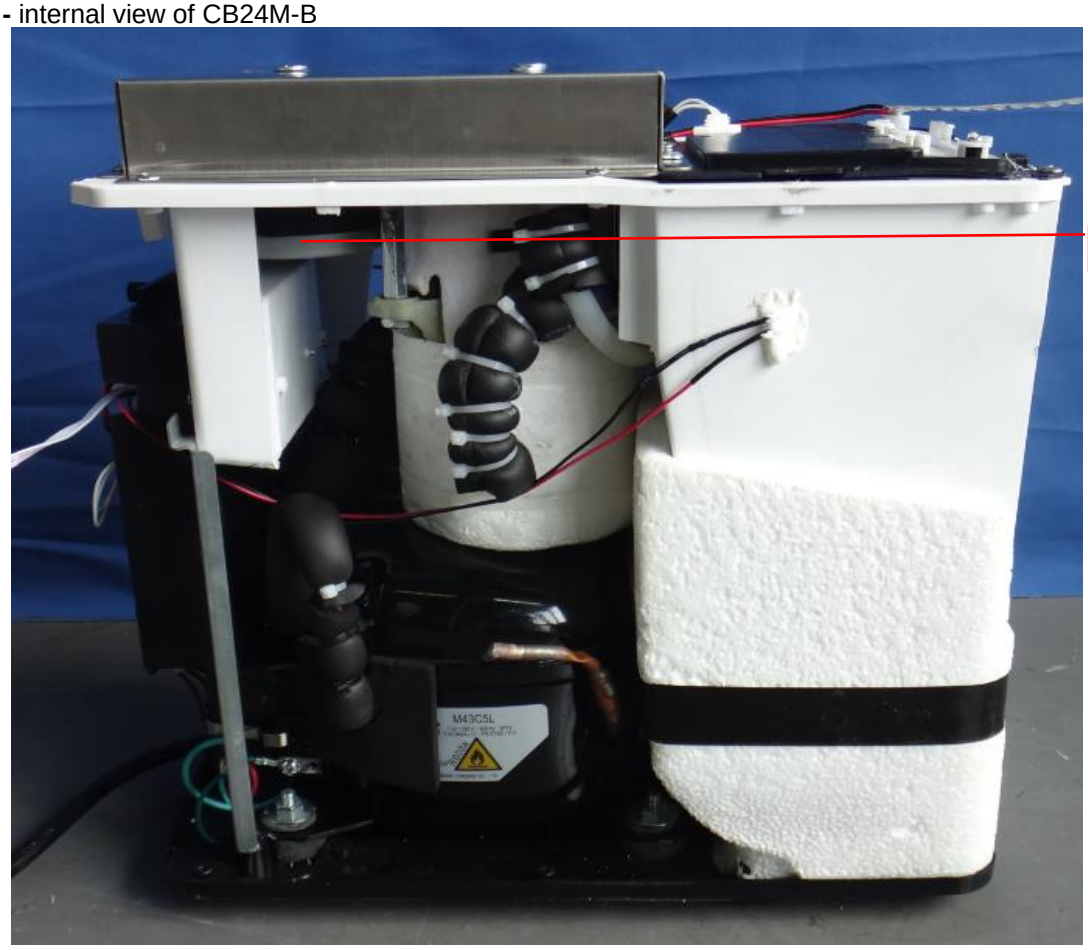
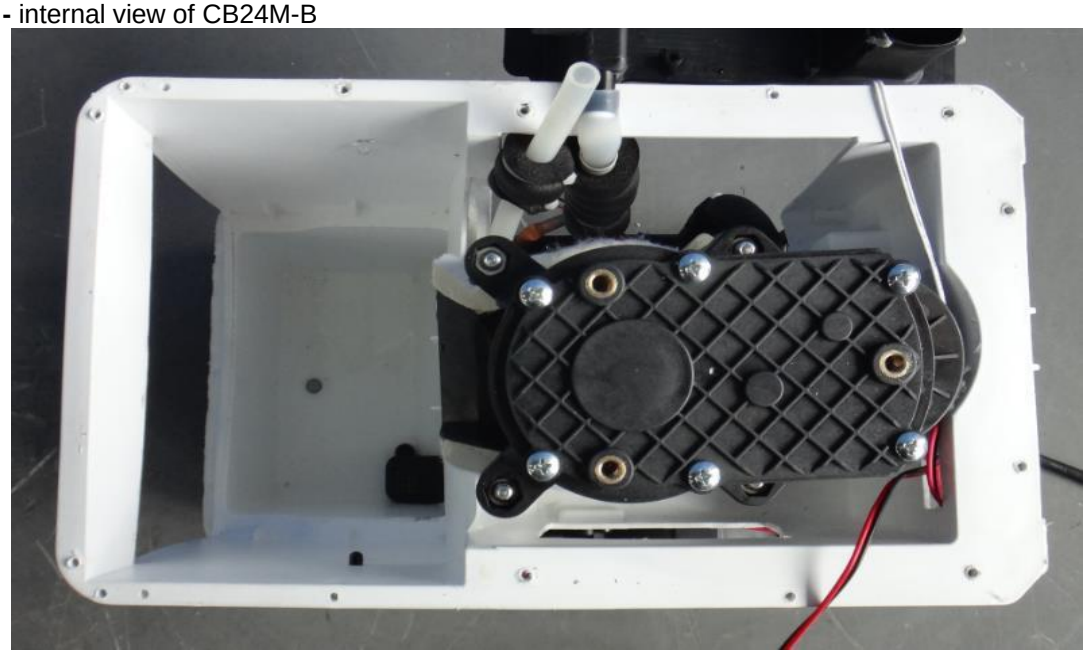


Photo 60 - internal view of CB24M-B



3.0 Product Photographs

Photo 61 - control panel view of CB24M-B and CB24M-C

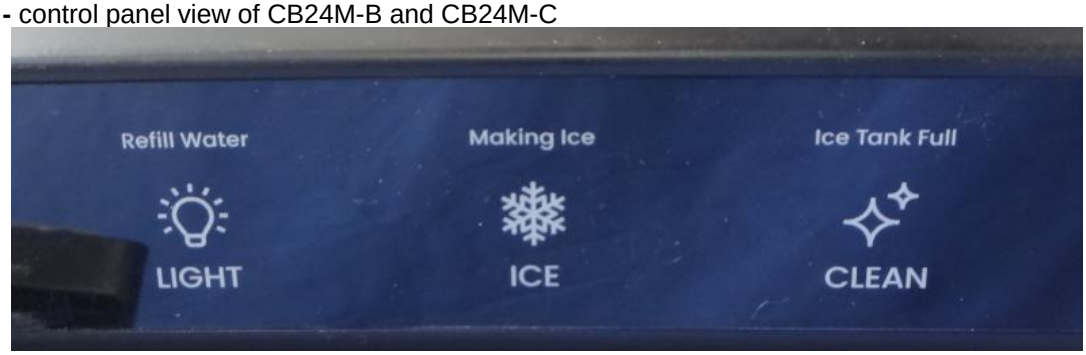


Photo 62 - control PCB view of CB24M-B and CB24M-C

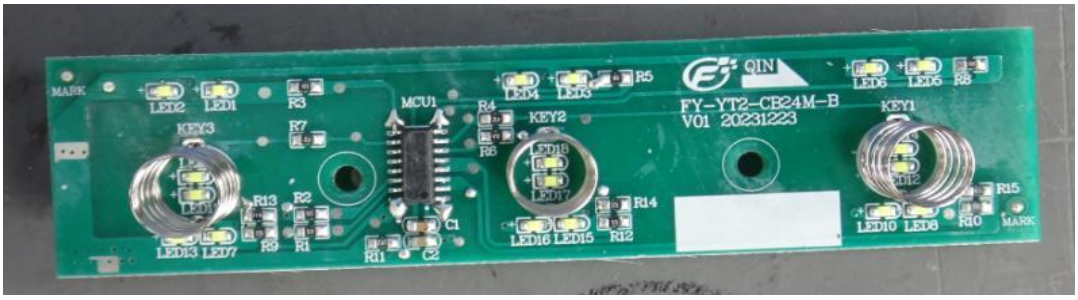


Photo 63 - control PCB view of CB24M-B and CB24M-C

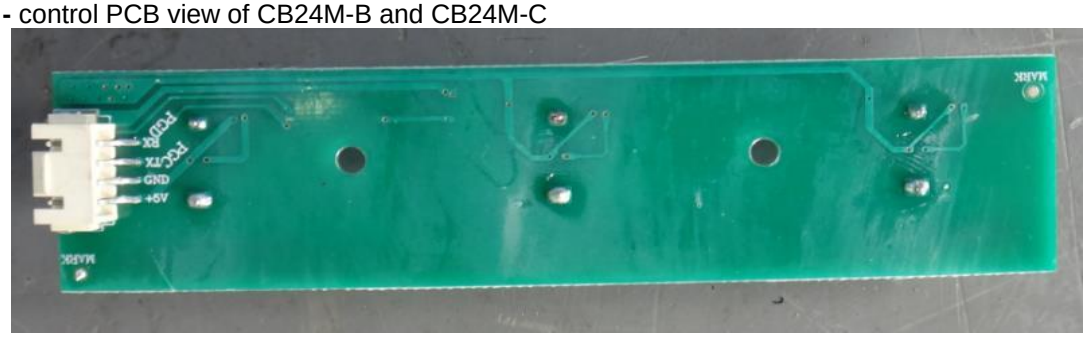
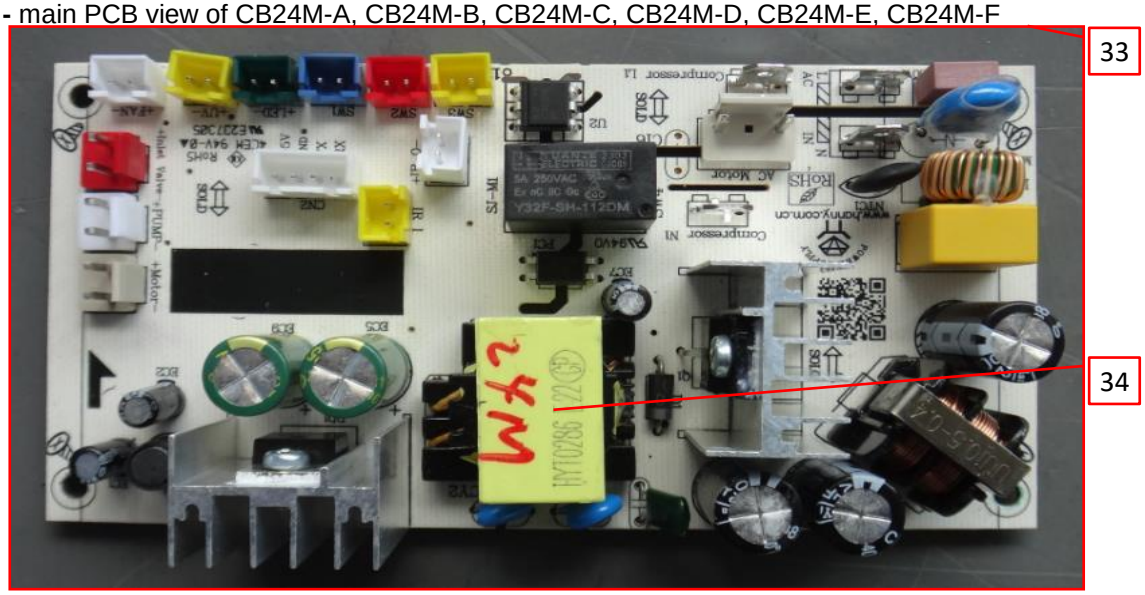


Photo 64 - main PCB view of CB24M-A, CB24M-B, CB24M-C, CB24M-D, CB24M-E, CB24M-F



3.0 Product Photographs

Photo 65 - main PCB view of CB24M-A, CB24M-B, CB24M-C, CB24M-D, CB24M-E, CB24M-F

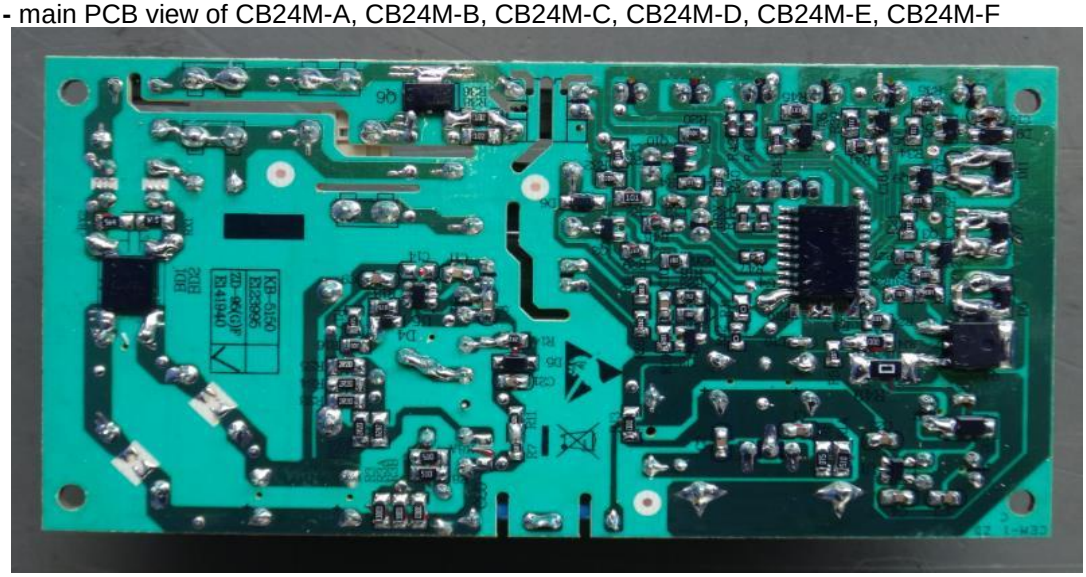


Photo 66 - transformer view of HYT0286 E22

Photo 67 - overall view of CB24M-A

3.0 Product Photographs

Photo 68 - overall view of CB24M-C

Photo 69 - overall view of CB24M-D

3.0 Product Photographs

Photo 70 - overall view of CB24M-E

Photo 71 - overall view of CB24M-F

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
1	1	Plastic enclosure	NINGBO LG YONGXING CHEMICAL CO LTD	LUPOY ER5001RF(#)	ABS, 5VB, RTI(60 60 60), min. 2.1mm thick.	cURus
			PETROCHINA CO LTD JILIN PETROCHEMICAL CO	GE-150	ABS, HB, RTI(60 60 60), min. 2.1mm thick.	cURus
4	2	Power Cord	Various	SJT	18AWG×3C, 105ºC, 1.8-3m length, terminated in a grounding type attachment plug.	UL,CSA, ETL
4	3	Plug	Various	Various	NEMA 5-15P, 125V.	UL,CSA, ETL
8	4	Evaporator	Various	Various	stainless steel. 0.55mm thick for tubing. 6mm for inner diameter of tubing.	NR
9	5	Internal wire	Various	1007	18-26AWG, 300V, 80°C.	cURus
			Various	1015	18-26AWG, 600V, 105°C.	cURus
			Various	1569	18-26AWG, 300V, 105°C.	cURus
			Various	2468	18-26AWG, 300V, 105°C.	cURus
			Various	2651	18-26AWG, 300V, 105°C.	cURus
9	6	PCB box	NINGBO LG YONGXING CHEMICAL CO LTD	LUPOY ER5001RF(#)	ABS, 5VB, RTI(60 60 60), min. 2.1mm thick.	cURus
9	7	Cable Ties	Various	Various	85ºC. Used to fix internal wire.	cURus
10	8	Heat shrinkable tube	SHENZHEN WOER HEATSHRINKABLE MATERIAL CO LTD	RSFR	600V, 125ºC, VW-1.	cURus
			GUANGZHOU KAIHENG NEW MATERIAL CO LTD	K-102	600V, 125ºC, VW-1.	cURus
11	9	Switch in low-voltage circuit	GUANGDONG YUSHUN ELECTRIC APPLIANCE LTD	KW-5	250V, 5A, 100k cycle, T125.	cURus
11	10	Compressor	NINGBO ANUODAN MACHINERY CO LTD	HV48Y11A	110-120V, 60Hz, R600a. Thermally protected. Secured on the bottom enclosure by screws.	cURus
			HUAYI COMPRESSOR (JINGZHOU) CO LTD	M43C5L	110-120V, 60Hz, R600a. Thermally protected.	cURus

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
11	11	Water pump	Changzhou Duling Controller Co.,Ltd.	GY-23	DC12V, 0.28A. Secured to enclosure by screws.	NR
			SHENZHEN Poweryear Technology co.,ltd	PV6	DC12V, 0.25A.	NR
			ZHONGSHAN BAOGULI ELECTRIC CO. LTD	KD-28	DC12V, 0.28A.	NR
11	12	Valve	Changzhou Weigeer Electric Appliance Co., Ltd	FDF-2A12	100-120V, 50/60Hz.	cURus
			ZHEJIANG SANHUA INTELLIGENT CONTROLS CO LTD	FDF2AG05	110V, 50/60Hz.	cURus
			Changzhou Duling Controller Co.,Ltd.	FDF-1-2A	110-120V, 50/60Hz, 7/5W.	cURus
12	13	Synchronous motor	WUXI DEXUN FUDA MOTOR CO LTD	50TYZ-E	110-120V, 50/60Hz, 3.5W. Secured to inner plastic by screws.	cURus
			Ningbo Jiuling Motor Co Ltd	49TYJ	100-120V, 50/60Hz, 4W.	cURus
12	14	Condenser fan motor	SHENZHEN Poweryear Technology co.,ltd	PY-1225H12S	DC12V, 0.35A. Secured to condenser tube by screws.	NR
			DI FAN ELECTRONIC CO., LTD	YD1225MS	DC12V, 3W.	NR
			Meishan Xuhong electronics co.,ltd	XH-12025S	DC12V, 0.23A.	NR
13	15	Condenser	CHANGZHOU KAIDU ELECTRON CO., LTD	YT-D-E01	Copper pipe, 8mm outdiameter, 0.5mm thick.	NR
22	16	Class 2 power supply	Foshan Hanyi Compuer Device Co.,ltd	FY-YT2-ZBJ-P	Input: 120VAC, 60Hz, output: DC12V, 1A.	See 5.0
22	17	Transformer	FOSHAN SHUNDE UM ELECTRONICS CO.,LTD.	EE19	Input: 120V, 60Hz, output: DC12V. Secured to PCB by soldering.	NR
			HANGZHOU LINGAN PUJIN Electronics Co Ltd	EE16	Input: 120V, 60Hz, output: DC12V. Secured to PCB by soldering.	NR
			Ningbo YuCe Electronics Co.,Ltd	YC-EE16-132	Input: 120V, 60Hz, output: DC12V. Secured to PCB by soldering.	NR

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
22	18	Y capacitor	Haohua Electronic Co.	CT7	250V, 2200pF/3300pF/4700pF, Y2, T125. Secured to PCB by soldering.	cURus
			SHENZHEN SONGTE ELECTRONIC CO LTD	CT7	250V, 2200pF/3300pF/4700pF, Y2, T125.	cURus
			Guangdong Huiwan Electronics Technology Co Ltd	AB	300V, 2200pF/3300pF/4700pF, Y2, T125.	cURus
			Dongguan QinHong (QNR) Electronic Technology Co LTD	CT7	250/300V, 2200pF/3300pF/4700pF, Y2, T85.	cURus
			Suzhou Jiarong Electronic Technology Co Ltd	JRE	250/300V, 2200pF/3300pF/4700pF, Y2, T85/T125.	cURus
			JYH HSU (JEC) ELECTRONICS LTD	JY	250V, 2200pF/3300pF/4700pF, Y2, T85.	cURus
				JD	250V, 2200pF/3300pF/4700pF, Y2, T85.	cURus
			JYH CHUNG (JEC) ELECTRONICS CO LTD	JY	250V, 2200pF/3300pF/4700pF, Y2, T125.	cURus
				JD	250V, 2200pF/3300pF/4700pF, Y1, T125.	cURus

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
22	19	Optocoupler	LITE-ON Technology Corporation	MOC3021-A	T115. Secured to PCB by soldering.	cURus
				LTV-817	T115.	cURus
			SHENZHEN ORIENT COMPONENTS CO LTD	ORMOC3021S	T115.	cURus
				ORMOC3021	T115.	cURus
				OR817	T115.	cURus
			EVERLIGHT ELECTRONICS CO LTD	EL3021V	T115.	cURus
				EL3021	T110.	cURus
				EL817	T110/115.	cURus
				EL3022	T110.	cURus
			Sharp Corporation	1S3021	T115.	cURus
				PC817	T115.	cURus
			NingBo Qunxin Microelectronics Co., LTD	QX3021	T110.	cURus
			WISELITE Optronics Co., Ltd.	MPC3053	T110.	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817 C	T100.	cURus
			CHANGZHOU GALAXY CENTURY MICRO-ELECTRONICS CO LTD	BL817-C	T100.	cURus

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
22	20	X2 capacitor	DAIN ELECTRONICS CO LTD	MPX	250/275V, 0.1μF/0.22μF/0.33μF, T110. Secured to PCB by soldering.	cURus
			Qi Rong Electronic Technology Co Ltd	MKP	275V, 0.1μF, T110.	cURus
			Dongguan Chengdong Electronic Technology Co Ltd	MPX	275V, 0.1μF, T110.	cURus
			JIMSON ELECTRONICS CO LTD	MKP	250V, 0.1μF, T100.	cURus
			HUIZHOU RONGDA ELECTRONICS CO LTD	MPX	310V, 0.1μF, T110.	cURus
			CHANGZHOU DEJIE PHOTOELECTRIC TECHNOLOGY CO LTD	MPX	275V, 0.1μF, T100.	cURus
				MKP	275V, 0.1μF, T100.	cURus
			GUANGDONG FENGMING ELECTRONIC TECH CO LTD	MKP-X2	250/275V, 0.1μF/0.22μF/0.33μF, T105/110.	cURus
			SHENZHEN SINCERITY TECHNOLOGY CO LTD	MPX	275V, 0.1μF/0.22μF, T110.	cURus
			Foshan ShunDe Beijiao Hua Da Electric Industrial Co Ltd	MKP	275V, 0.1μF/0.22μF, T110.	cURus
			JYH HSU (JEC) ELECTRONICS LTD	MPX	275V, 0.1μF/0.22μF, T110.	cURus
			Dongguan QinHong (QNR) Electronic Technology Co LTD	MPX	275V, 0.1μF/0.22μF, T110.	cURus
			FOSHAN CITY XINYUAN ELECTRONIC CO LTD	MKP-X2	275V, 0.1μF/0.22μF/0.33μF, T110.	cURus
			FU XIN PAN OCEAN ELECTRONIC LTD	MPX-X2	250/275V, 0.1μF/0.22μF/0.33μF, T110.	cURus

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
22	21	Varistor	CERAMATE TECHNICAL CO LTD	GNR10D471K	470V, T105. Secured to PCB by soldering.	cURus
			Dongguan Chengdong Electronic Technology Co Ltd	CDSPC-10D471K	470V, T125.	cURus
			KESTAR ELECTRONIC (CHINA) CO LTD	MYG10-471	470V, T85.	cURus
			GUANGXI NEW FUTURE INFORMATION INDUSTRY CO LTD	10D471K	470V, T125.	cURus
			ZHEJIANG HUANG-YAN SAILING ELECTRONICS CO LTD	MYG10K471	470V, T85.	cURus
			SHENZHEN WEIDY INDUSTRIAL DEVELOPMENT CO LTD	V-471K-10D(E)	470V, T85.	cURus
			SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	07D561K	560V, T125.	cURus
				10D561K	560V, T125.	cURus
			Haohua Electronic Co.	HVR07K561	560V, T85.	cURus
				HVR10K561	560V, T85.	cURus
			HONGZHI ENTERPRISES LTD	HEL07D561K	560V, T105.	cURus
			Huizhou Derui Electrical Appliance Co., Ltd	COV10D471K	470V, T85.	cURus
				COV10D561K	560V, T85.	cURus
			JYH HSU (JEC) ELECTRONICS LTD	10D471K	470V, T85.	cURus
			Suzhou Xinhonggao Electronic Co., Ltd	10D471K	470V, T125.	cURus
			THINKING ELECTRONIC INDUSTRIAL CO LTD	TVR10561	560V, T105.	cURus

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
22	22	Fuse	XC ELECTRONICS (SHENZHEN) CORP LTD	5TE	250V, T3.15A/T2A. Secured to PCB by soldering.	cURus
			DONGGUAN HONGDA ELECTRONIC TECHNOLOGY CO LTD	2009	250V, T3.15A/T2A.	cURus
			SHANGHAI FULLNESS ELECTRICAL CO LTD	TSP	250V, T3.15A.	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	250V, T3.15A.	cURus
			ZHONG SHAN LANBAO ELECTRICAL APPLIANCES CO LTD	TB	250V, T3.15A.	cURus
				TR	250V, T3.15A.	cURus
			DONGGUAN CHEVRON ELECTRONIC TECHNOLOGY CO LTD	SET	250V, T3.15A/T2A.	cURus
22	23	Relay	NINGBO ZETTLER ELECTRONICS CO LTD	JQC-3FF	277V, 10A, 10E4, T85, anti-explosion. Secured to PCB by soldering.	cURus
			XIAMEN HONGFA ELECTROACOUSTIC CO LTD	JQC-3FF	250V, 10A, 10E4, T85, anti-explosion.	cURus
				HF3FF	125V, 15A, 10E4, T105, anti-explosion.	cURus
			Zhejiang MeiShuo Electric Technology Co Ltd	MPA	277V, 10A, 10E4, T85, anti-explosion.	cURus
				MPA-S-112-A	277V, 10A, 10E4, T85, anti-explosion.	cURus
			DONGGUAN YONGNENG ELECTRONICS CO LTD	YX202-112	240V, 10A, 10E4, T85, anti-explosion.	cURus
			Sanyou Corporation Limited	SRD-S-112DM	250V, 10A, 10E4, T85, anti-explosion.	cURus
			Shenzhen Yuanze Electric Co Ltd	Y3F-SS-112DM	250V, 10A, 10E4, T85, anti-explosion.	cURus
				Y3F-SH-112DM	125V, 15A, 10E4, T105, anti-explosion.	cURus
				Y32F-SH-112DM	250V, 5A, 10E4, T105, anti-explosion.	cURus
23	24	PCB material	Various	Various	130ºC, V-0, min. 1.6mm thick.	cURus

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
24	25	Class 2 power supply	Shaoxing LongShen Electronivs Limited	LS2301	Input: 120VAC, 60Hz, output: 12VDC, 1A.	See 5.0
26	26	Class 2 power supply	Ningbo Haoyuan intelligent Technology Co.,LTD	SY-ZBJ-CB22C	Input: 120VAC, 60Hz, output: 12VDC, 1A.	See 5.0
1	27	Label (not shown)	Various	Various	80°C. Pasted on the enclosure.	cURus
32	28	Metal enclosure	SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE CO., LTD	SUS430	Steel, coated, min. 0.53mm thick.	NR
40	29	LED lamp	SHAOXING LONGSHEN Electronic Co., Ltd.	LAM-6	12VDC, 0.5W.	NR
50	30	Class 2 power supply	Ningbo Haoyuan intelligent Technology Co.,LTD	SY-ZBJ-CB23H-CM	Input: 120VAC, 60Hz, output: 12VDC, 1A.	See 5.0
53	31	Metal enclosure	SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE CO., LTD	SUS430	Steel, uncoated, min. 0.46mm thickness.	NR
59	32	Synchronous motor	NingBo senfuli Electric machinery Co., LTD	YT-01	12VDC, 2.5A.	NR
64	33	Class 2 power supply	Foshan Hanyi Computer Device Co.,Ltd	HYG48-YT-005	Input: 120V, 60Hz, output: 12VDC, 4A.	See 5.0
64	34	Transformer	GUANGDONG DETONG ELECTRONIC TECHNOLOGY CO.,LTD.	HYT0286 E22	Input: 120V, 60Hz, output: 12VDC. Secured to PWB by soldering.	NR

NOTES:

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) “Various“ means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

SUBASSEMBLY				
Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
22	16	Class 2 power supply	Foshan Hanyi Compuer Device Co.,ltd	FY-YT2-ZBJ-P
Electrical Rating:		Input: 120VAC, 60Hz, output: 12VDC, 1A		Insulation class -
Component Standard used:		UL 1310, CSA C22.2#223		

COMPONENTS LIST

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
22	17	22	18	22	19	22	20	22	21
22	22	22	23	22	24				

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters
Verify Construction	Per the component descriptions noted above

SUBASSEMBLY				
Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
24	25	Class 2 power supply	Shaoxing LongShen Electronivs Limited	LS2301
Electrical Rating:		Input: 120VAC, 60Hz, output: 12VDC, 1A		Insulation class -
Component Standard used:		UL 1310, CSA C22.2#223		

COMPONENTS LIST

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
22	17	22	18	22	19	22	20	22	21
22	22	22	23	22	24				

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters
Verify Construction	Per the component descriptions noted above

SUBASSEMBLY				
Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
26	26	Class 2 power supply	Ningbo Haoyuan intelligent Technology Co.,LTD	SY-ZBJ-CB22C
Electrical Rating:		Input: 120VAC, 60Hz, output: 12VDC, 1A		Insulation class -
Component Standard used:		UL 1310, CSA C22.2#223		

COMPONENTS LIST

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
22	17	22	18	22	19	22	20	22	21
22	22	22	23	22	24				

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters
Verify Construction	Per the component descriptions noted above

5.0 Critical Unlisted CEC Components				
SUBASSEMBLY				
Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
50	30	Class 2 power supply	Ningbo Haoyuan intelligent Technology Co.,LTD	SY-ZBJ-CB23H-CM
Electrical Rating:		Input: 120VAC, 60Hz, output: 12VDC, 1A		Insulation class -
Component Standard used:		UL 1310, CSA C22.2#223		

COMPONENTS LIST

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
22	17	22	18	22	19	22	20	22	21
22	22	22	23	22	24				

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters
Verify Construction	Per the component descriptions noted above

SUBASSEMBLY				
Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
64	33	Class 2 power supply	Foshan Hanyi Computer Device Co.,Ltd	HYG48-YT-005
Electrical Rating:		Input: 120V, 60Hz, output: 12VDC, 4A.		Insulation class -
Component Standard used:		UL 1310, CSA C22.2#223		

COMPONENTS LIST

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
22	18	22	19	22	20	22	21	22	22
22	23	22	24	64	34				

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters
Verify Construction	Per the component descriptions noted above

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

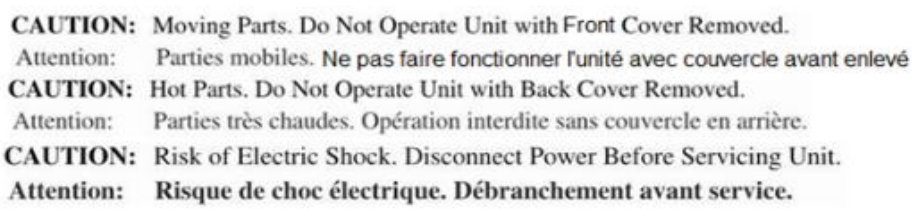
Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - For electrical spacings in refrigerated and/or air-handing compartment, 3.2 mm minimum through air and 6.4mm minimum over surface are maintained between current-carrying parts of opposite polarity, for spacings in non-refrigerated and non-air handling compartment, 1.6 mm minimum through air and over surface between such current-carrying parts and dead-metal parts, and 6.4mm minimum spacing to outer enclosure
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a non-metal enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the grounding lead of the power supply cord or the equipment grounding terminal.
6. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. All wiring is minimum 26AWG, with a minimum rating of 300V, 80°C.
7. Schematics - None.
8. Markings - The product is marked on a labeling system as described in item no.27 of Section 4.0 as follows:
   applicant's name or brand name
   model number
   date of manufacturer
   electrical ratings (volts, frequency & current)
   refrigerant name and mass
   high- and low-side design pressure
9. Cautionary Markings - Refer to Illustration No. 1, 1a for details.
10. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustration No(s). 2 for details.
11. Transformer - Supplier records must be provided that indicate the received shipment of transformers (section 4.0, item 17, 34) was constructed as indicated in Illustrations 3, 3a, 3b, 3c. These records must be available at the factory for inspection on every received shipment.

7.0 Illustrations

Illustration 1 - Cautionary markings



Remark:

The letters are not less than 1/8 inch (3.2 mm) high and shall be located so as to be visible before or immediately upon removal of a cover, panel, or the like, that encloses or protects the moving part, hot part, or uninsulated live part. The marking shall not be on the back of a removable cover or panel. if the marking is located on a removable panel or cover, the design of the panel or cover, or its means of attachment shall be such that the panel cannot be reversed or inverted when it is replaced so as to obscure the warning.

7.0 Illustrations

Illustration 1a - Cautionary markings

a) "DANGER – Risk Of Fire or Explosion. Flammable Refrigerant Used. Do Not Use Mechanical Devices To Defrost Refrigerator. Do Not Puncture Refrigerant Tubing".

DANGER - Risque d'incendie ou d'explosion. Réfrigérant inflammables utilisés. Ne pas utiliser de dispositifs mécaniques pour dégivrer réfrigérateur. Ne pas percer Réfrigérant Tubing

b) "DANGER – Risk Of Fire Or Explosion. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing".

DANGER - Risque d'incendie ou d'explosion. Réfrigérant inflammables utilisés. Pour être réparé seulement par le Personnel formé service. Ne pas percer Réfrigérant Tubing

Caution, risk of fire/Prudence, les risques d'incendie

c) "CAUTION – Risk Of Fire Or Explosion. Flammable Refrigerant Used. Consult Repair Manual/Owner's Guide Before Attempting To Service This Product. All Safety Precautions Must be Followed".

ATTENTION - Risque d'incendie ou d'explosion. Réfrigérant inflammables utilisés. Consultez le Guide de Manuel de réparation / propriétaire avant de tenter de réparer ce produit. Toutes les mesures de sécurité doivent être suivies

d) "CAUTION – Risk Of Fire Or Explosion. Dispose Of Property In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used".

ATTENTION - Risque d'incendie ou d'explosion. Éliminer des biens conformément à la réglementation locale ou fédérales. Réfrigérant Inflammable occasion

e) "CAUTION – Risk Of Fire Or Explosion Due To Puncture Of Refrigerant Tubing; Follow Handling Instructions Carefully. Flammable Refrigerant Used".

ATTENTION - Risque d'incendie ou une explosion due à la perforation de frigorigènes Tubing; Suivre les instructions de précaution. Réfrigérant Inflammable occasion

Remark:

1. The marking described in item (a) shall be provided on or near any evaporators that can be contacted by the consumer. The markings described in items (b) and (c) shall be provided near the machine compartment. The marking described in item (d) shall be provided on the exterior of the refrigerator. The marking described in item (e) shall be provided near any and all exposed refrigerant tubing. The markings shall be in letters no less than 6.4 mm (1/4 inch) high. All markings shall also appear on the shipping carton.
2. Refrigeration tubing or other devices through which the refrigerant is intended to be serviced shall be painted or colored red, Pantone® Matching System (PMS) No. 185. This color shall be present at all places where service puncturing or otherwise creating an opening in the refrigerant circuit might be expected. In the case of a process tube on a compressor, the color mark shall extend at least 2.54 cm (1 inch) from the compressor.
3. The color and format of Flammable Material Warning symbol shall be as shown in Symbol W021 in the Standard for Graphical Symbols - Safety Colours and Safety Signs - Registered Safety Signs, ISO 7010, The perpendicular height of the triangle containing the "Caution, risk of fire" sign shall be at least 15 mm (9/16 in).
4. The shipping carton shall be marked "Caution - Risk of Fire or Explosion due to Flammable Refrigerant Used. Follow Handling Instructions Carefully in Compliance with U.S. Government Regulations." The warning, flammable material marking described in items (b) shall also appear on the shipping carton.

7.0 Illustrations

Illustration 2 - Manual

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed, including the following:

1. Read all instructions carefully.
2. **DANGER!** To protect against risk of electric shock, do not immerse cord, plug or any parts of the unit in water or other liquids.
3. Close supervision is necessary when using this appliance near children. This appliance is not suitable for use by children.
4. Never leave an appliance unattended while in use.
5. Do not place an appliance on or near a hot gas or electric burner, or in a heated oven. Do not place on top of any other appliance.
6. Do not let the power cord of an appliance hang over the edge of a table or countertop or touch any hot surface.
7. Do not operate any electrical appliance with a damaged cord or plug or after the appliance malfunctions or has been dropped or damaged in any manner. If damage is suspected, contact the nearest authorized service center for examination, repair or electrical or mechanical adjustment.
8. Unplug from power outlet when not in use, before putting on or taking off attachments, and before cleaning.
9. The use of accessory attachments that are not recommended by the appliance manufacturer may cause fire, electric shock or injury.
10. Avoid contact with moving parts when the unit is in operation.
11. Never touch the cooling elements when the unit is in operation.
12. Do not use outdoors.
13. Do not use appliance for other than its intended use.

SAVE THESE INSTRUCTIONS

ELECTRICAL REQUIREMENTS
WIRING AND GROUNDING INSTRUCTIONS

This appliance must be plugged into at least a 15 AMP 110-115 VOLT 60 Hz GROUNDED OUTLET. This appliance must be grounded. It is equipped with a 3-wire cord having a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

WARNING! Improper use of grounded wire can result in the risk of electric shock. Consult a physician if necessary. Do not attempt to defeat this safety feature by modifying the plug.

Avoid the use of an extension cord because it may overheat and cause a risk of fire. However, if it is necessary to use an extension cord:

A. Use only 3-wire extension cords with 3-blade grounding plug.
B. The marked rating of an extension cord must be be equal to or greater than the rating of this appliance.
C. It should be positioned such that it does not drape over the counter or tabletop where it can be pulled on by children intentionally.

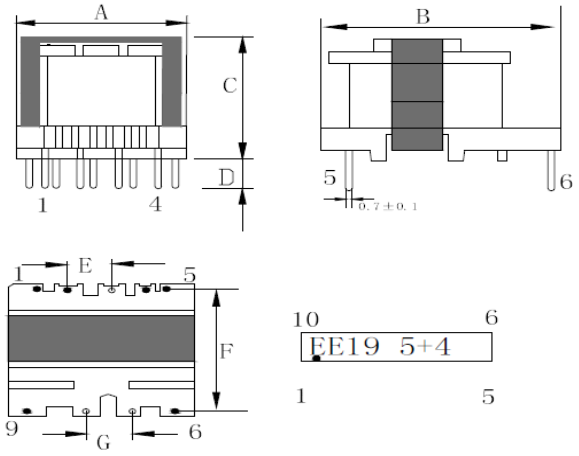
To minimize the possibility of electric shock, unplug this appliance from the power suply or disconnect at the household distribution panel by removing the fuse or switching off the circuit breaker before attempting any maintenance or cleaning.

NOTE Pressing the Power ON/OFF button to an off position does NOT disconnect the appliance from the power supply.

7.0 Illustrations

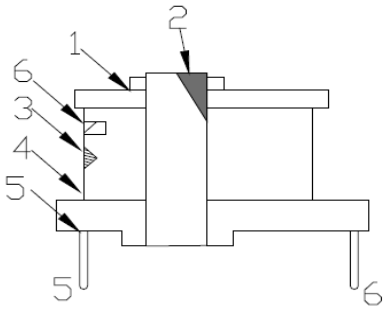
Illustration 3 - Specifications for EE19

1.外围尺寸(单位:毫米)



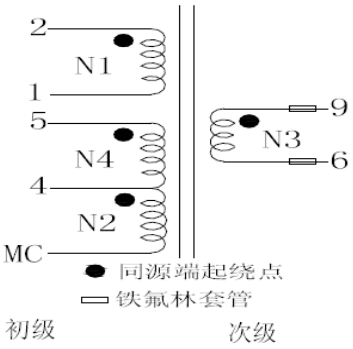
2.产品结构图:

编号	尺寸说明
A	21.0 MAX
B	20.5 MAX
C	18.0MAX
D	3.2±0.3
E	4.0±0.3
F	13.5±0.5
G	5.0±0.3

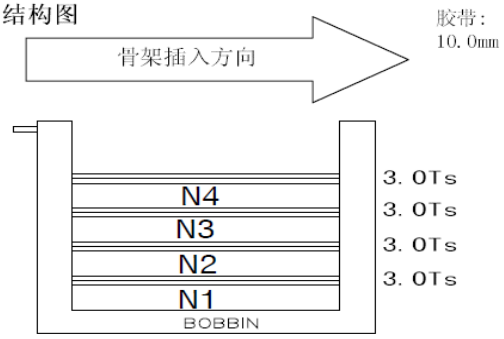


序 号	品 名	规 格	供 应 商	UL认证码
1	线 架	EE19 立式加宽 5+4PIN PIN3,7,8NO	长春电木或同等	E59481(S)
2	磁 芯	EE19 PC40 GAP	众 兴或同等	
3	漆包线 (2UEW 155℃)	Φ0.23mm	恒 辉或同等	E337948
4	玛拉胶带	10.0mm,4.5mm	亚 华或同等	E165111
5	套管	23L	长 园或同等	E180908
6	三层绝缘线	TIW-F Φ0.4mm	智 昌或同等	E353227

4. 电气原理图



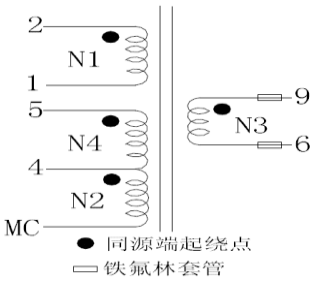
5. 线圈结构图



6. 绕组说明

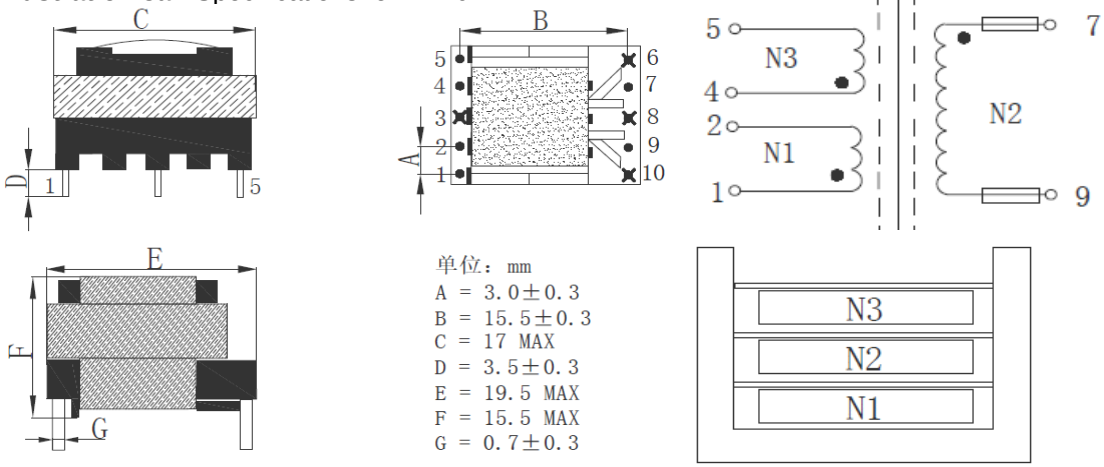
绕 组	起始脚	圈 数	铜 线	胶 带	绕制方法	绕线方向	套 管
N1	2--1	100Ts	2UEW Φ0.23mm(N)	10.0mm×3.0Ts	密绕	逆绕	
N2	4--MC	32Ts	2UEW Φ0.23mm(N)	10.0mm×3.0Ts	密绕	逆绕	
N3	9--6	15Ts	TIW-F Φ0.4mm(N)	10.0mm×3.0Ts	密绕	逆绕	23L
N4	5--4	14Ts	2UEW Φ0.23mm(N)	10.0mm×3.0Ts	居中密绕	逆绕	

2. 电气原理图



7.0 Illustrations

Illustration 3a - Specifications for EE16



单位：mm
A = 3.0±0.3
B = 15.5±0.3
C = 17 MAX
D = 3.5±0.3
E = 19.5 MAX
F = 15.5 MAX
G = 0.7±0.3

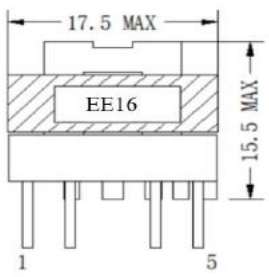
绕组	起绕	收线	线材	匝数	胶带	绕线方向	套管	长度 mm
N1	1	2	XUEW/155 Class 155 2UEWΦ0.15mm*1	129TS	0.025*8.0	顺时针	/	/
N2	7	9	TIW-B YS-130 Class 130（B） Φ0.3mm*1	18TS	0.025*8.0	顺时针	19L	15mm
N3	4	5	XUEW/155 Class 155 2UEWΦ0.15mm*1	22TS	0.025*8.0	顺时针	/	/

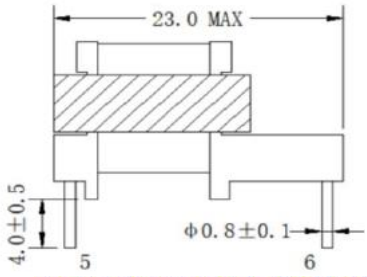
序号	材料名称	规 格	生产厂商	标 准
1	骨架	EE16 卧式安规 5+5	JG	UL E231508
2	磁芯	EE16 （PC44）	WL	SGS 测试
3	胶带	0.025*8 0.025*4.5 淡黄	HAINING CHULONG TAPQ CO LTD	UL E464604
4	漆包铜线	XUEW/155 Class 155 2UEWΦ0.15mm	HUZHOU XANXUN SHANGFU CABLE CO LTD	UL E330288
5	绝缘线	TIW-B YS-130Class 130（B） Φ0.3mm	SUZHOU YUSHENG ELECTRONIC CO LTD	UL E332529
6	绝缘漆	绝缘剂	GT	SGS 测试
7	焊锡	绿色无铅高温焊锡	YCJH	SGS 测试
8	套管	CJ-TT-L	SUZHOU WEIWEICHENG ELECTRONICS CO LTD	UL E338209

7.0 Illustrations

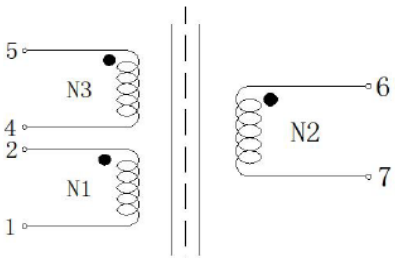
Illustration 3b - Specifications for YC-EE16-132

1. 外形尺寸/MECHANICAL DIMENSION(UNIT:mm)

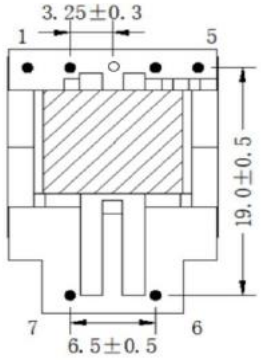


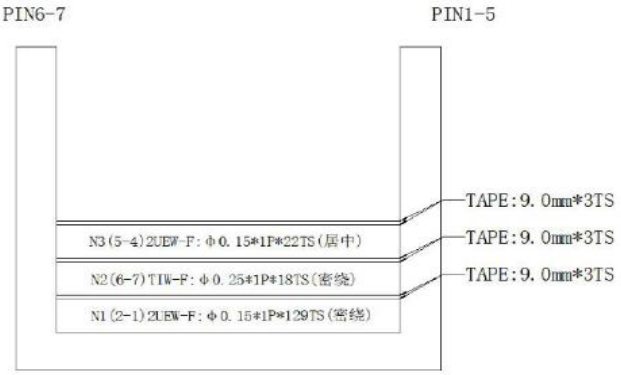


2. SCHEMATIC 电原理图:



3. WINDING/内部结构图:





4：绕线顺序/WINDING SPECIFICATION:

绕组顺序	脚位		线径 WIRE	匝数 TURN	胶带 TAPE	TFL 套管		备注
	进线 S	收线 F				进线	出线	
N1	2	1	2UEW-F: ∮0.15*1p	129TS	3TS	/	/	密绕
N2	6	7	TIW-F: ∮0.25*1p	18TS	3TS	/	/	密绕
N3	5	4	2UEW-F: ∮0.15*1P	22TS	3TS	/	/	居中

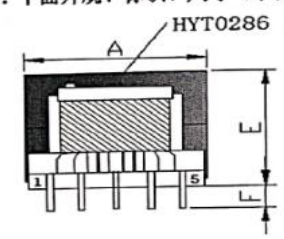
6.材料清单 MATERIAL DETAILED LIST:

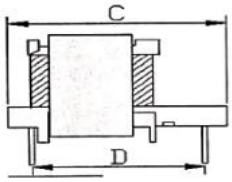
序号 NO	名称 ITEM	材质型号 MATERIAL	技术规格 SPEC	制造商 MANUFACTURER	认证号 UL FILE NO	认证标准 STANDARD
1	骨架 BOBBIN (EE16)	PF2A5-151J(b)	150℃, V-0	CHAGNSHU SOUTH-EAST PLASTIC CO.LTD	E136137	UL94
2	磁芯 CORE (EE17)	ZP40	/	太仓恒奕电子有限公司 TAICAN GHENGYI ELECTRONICS CO.,LTD	/	/
		PC40		海宁市康明电子有限公司 HAINING KANG MING ELECTRONICS CO LTD		
3	胶带 TAPE	FW 130℃	130℃,	JINGJIANG FUWEI ADHESIVE PRODUCT CO LTD	E302608	UL510
		JY25-A(b)		JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD	E246950	
4	漆包线 WIRE	2UEW QA-1/155	155℃	ZHEJIANG LANGLI ELECTRIC EQUIPMENTS CO LTD	E222214	UL1446
5	凡立水 VARNISHE	T-4260P	155℃	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	E228349	UL1446
6	绝缘线 TRIPLE WIRE	TIW-F	155℃, V-0	ANHUI YINGSHUO ELECTRONICS CO.,LTD	E475710	UL2353

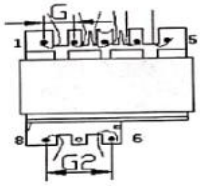
7.0 Illustrations

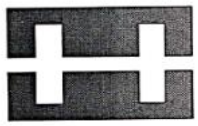
Illustration 3c - Specifications for HYT0286 E22

一. 平面外观、标识、尺寸（单位：mm）图

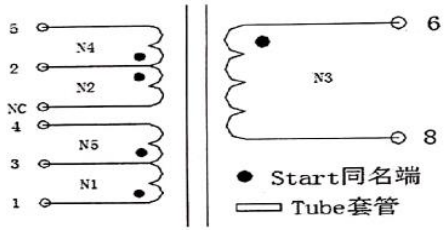








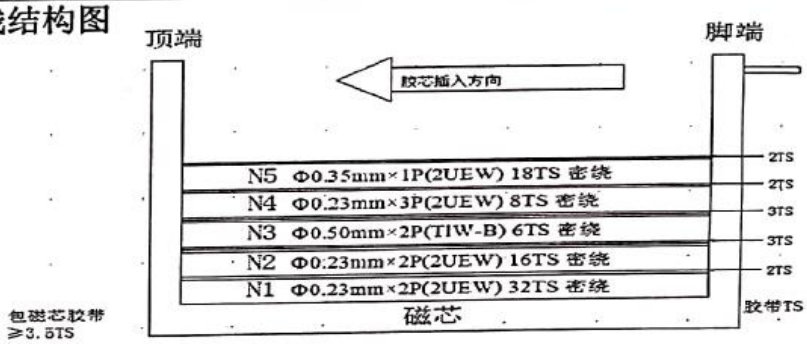
二、工作原理图



1. 各引线按图指定槽引出。2. “。”空心圆为拔除针脚。 3. 激光打标方向见图。

长/A	高/E	宽/C	排距/D	脚距 G	脚距 G2	针长/F	针径/L	磁芯宽 B
23.5	19.0	27.0	23.8	4.2	9.6	3.3	0.8	14.0
±0.5	±1.0	±1.0	±0.3	±0.3	±0.3	±0.2	±0.05	±0.3

三、绕线结构图



四、线包制作工序：

工序	漆包线规格	圈数 TS	挡带 上	挡带 下	绕法	起点	终点	胶带 Ts	层间胶带	铁氟龙套管 起点	铁氟龙套管 终点
N1	Φ0.23mm×2P(2UEW)	32	/	/	密绕	1	3	2	/	/	/
N2	Φ0.23mm×2P (2UEW)	16	/	/	密绕	2	NC	3	/	/	/
N3	Φ0.50mm×2P (TIW-B)	6	/	/	密绕	6	8	3	/	/	/
N4	Φ0.23mm*3P（2UEW）	8	/	/	密绕	2	5	2	/	/	/
N5	Φ0.35mm*1P（2UEW）	18	/	/	密绕	3	4	2	/	/	/

8.0 Test Summary					
Evaluation Period	17-Dec-2022	~	25-Apr-2023	Project No.	221200472HAN
Sample Rec. Date	16-Dec-2022	Condition	Prototype	Sample ID.	1230417-28-001, 1221124-11-001~002
Test Location	Building No.2, Juanhu Science and Technology Innovation Park, 500 East Shuiyueting Road, Haining, Zhejiang , China				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					

Test Description	UL 563:2009 Ed.8+R:26May2021 /Clause	CSA C22.2#120: 2013 Ed.4(R2018) /Clause	
Leakage Current Test - Cord-Connected Ice Makers	33	6.9	--
Input Test	36	6.3	--
Temperature and Pressure Test	37	6.4	--
Starting Test	38	6.13	--
Dielectric-Voltage Withstand Test	39	6.10	--
Condenser Fan Motor Failure Test	40	--	--
Overflow Test	42	6.23	--
Stability Test	43	6.29	--
Overvoltage and Undervoltage Tests	47	--	--
Insulation Resistance Test	48	--	--
Strength Tests - Pressure Containing Components	51	6.26	--
Strain Relief Test	52	6.24	--
Burnout Test – Impedance Protected Motors	54	--	--
Tests on Nonmetallic Materials	55	--	--
Performance	SA5	E.5	--
Temperature (Abnormal Operation)	--	6.11	--
Cabinet Strength	--	6.15	--
Physical Abuse (Enclosures)	--	6.16	--
Moisture Absorption Resistance	--	6.20	--
Printed Circuit Boards (Abnormal)	--	6.21	--
Spill test	--	6.30	--

Test Description	UL 1310:2018 Ed.7+R:16Aug2019/Clause	CSA C22.2#223:2015 Ed.3/Clause	
Maximum Output Voltage Test	28	6.2	--
Output Current and Power Test	30	6.3	--
Dielectric Voltage Withstand Test	34	6.5	--
Abnormal Tests	39	6.8	--

8.0 Test Summary					
Evaluation Period	10-Jul-2023	~	4-Aug-2023	Project No.	230700204HAN
Sample Rec. Date	7-Jul-2023	Condition	Prototype	Sample ID.	1230707-11-001
Test Location	Building No.2, Juanhu Science and Technology Innovation Park, 500 East Shuiyueting Road, Haining, Zhejiang , China				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					

Test Description	UL 563:2009 Ed.8+R:26May2021 /Clause	CSA C22.2#120: 2013 Ed.4(R2018) /Clause	
Leakage Current Test - Cord-Connected Ice Makers	33	6.9	--
Input Test	36	6.3	--
Temperature and Pressure Test	37	6.4	--
Starting Test	38	6.13	--
Dielectric-Voltage Withstand Test	39	6.10	--
Condenser Fan Motor Failure Test	40	--	--
Overflow Test	42	6.23	--
Stability Test	43	6.29	--
Insulation Resistance Test	48	--	--
Temperature (Abnormal Operation)	--	6.11	--
Physical Abuse (Enclosures)	--	6.16	--
Spill test	--	6.30	--
Test Description	UL 8750:2015 Ed.2+R:07Dec2022 /Clause	CSA C22.2#250.13:2022 Ed.5 /Clause	
Temperature Test	8.3	9.3	--
Dielectric-Voltage Withstand Test	8.6	9.4	--
Abnormal Tests	8.7	9.5	--
LED module reviewer	Patrick Chen		--

8.0 Test Summary					
Evaluation Period	15-Jan-2024	~	23-Jan-2024	Project No.	231100759HAN
Sample Rec. Date	4-Jan-2024	Condition	Prototype	Sample ID.	1240104-12-001~003
Test Location	Building No.2, Juanhu Science and Technology Innovation Park, 500 East Shuiyueting Road, Haining, Zhejiang , China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 563:2009 Ed.8+R:26May2021 /Clause	CSA C22.2#120: 2013 Ed.4(R2018) /Clause	
Leakage Current Test - Cord-Connected Ice Makers	33	6.9	--
Temperature and Pressure Test	37	6.4	--
Dielectric-Voltage Withstand Test	39	6.10	--
Overvoltage and Undervoltage Tests	47	--	--
Temperature (Abnormal Operation)	--	6.11	--
Printed Circuit Boards (Abnormal)	--	6.21	--
Test Description	UL 1310:2018 Ed.7+R:16Aug2019/Clause	CSA C22.2#223:2015 Ed.3/Clause	
Maximum Output Voltage Test	28	6.2	--
Output Current and Power Test	30	6.3	--
Dielectric Voltage Withstand Test	34	6.5	--
Abnormal Tests	39	6.8	--

Evaluation Period	4-Mar-2024	~	28-Mar-2024	Project No.	240300013HAN
Sample Rec. Date	27-Feb-2024	Condition	Prototype	Sample ID.	1240227-10-001
Test Location	Building No.2, Juanhu Science and Technology Innovation Park, 500 East Shuiyueting Road, Haining, Zhejiang , China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 563:2009 Ed.8+R:26May2021 /Clause	CSA C22.2#120: 2013 Ed.4(R2018) /Clause	
Leakage Current Test - Cord-Connected Ice Makers	33	6.9	--
Temperature and Pressure Test	37	6.4	--
Dielectric-Voltage Withstand Test	39	6.10	--
Overvoltage and Undervoltage Tests	47	--	--
Temperature (Abnormal Operation)	--	6.11	--
Printed Circuit Boards (Abnormal)	--	6.21	--
Test Description	UL 1310:2018 Ed.7+R:16Aug2019/Clause	CSA C22.2#223:2015 Ed.3/Clause	
Maximum Output Voltage Test	28	6.2	--
Output Current and Power Test	30	6.3	--
Dielectric Voltage Withstand Test	34	6.5	--
Abnormal Tests	39	6.8	--

8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.			
Completed by:	Rocky Gu	Reviewed by:	Allen Ding
Title:	Certification Engineer	Title:	Mandated Reviewer
Signature:	*Signature on file*	Signature:	*Signature on file*

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE CO., LTD
Address	YUEXIE ROAD, SHANGYU DISTRICT, SHAOXING CITY, ZHEJIANG PROVINCE
Country	P.R.CHINA
Product	Ice maker

MULTIPLE LISTEE 1	SeaLoon International Group (HongKong) Limited
Address	Unit2601-05, 26/F, Delta House, No.3 On Yiu Street, Shatin, New Territories, Hong Kong, 999077
Country	P. R. China
Brand Name	Silonn
ASSOCIATED MANUFACTURER	SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE CO., LTD
Address	YUEXIE ROAD, SHANGYU DISTRICT, SHAOXING CITY, ZHEJIANG PROVINCE
Country	P.R.CHINA

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS
SLIM27C, SLIM27B, SLIM27S, SLIM27R, SLIM27G1, SLIM27, SLIM27BU, SLIM27G, SLIM27W, SLIM27G2, SLIM27S1, SLIM27T, SLIM27TC, SLIM27TB, SLIM27TS, SLIM27TR, SLIM27TG1, SLIM27TS1, SLIM27TBU, SLIM27TG, SLIM27TW, SLIM27TG2	CB22C
SLIM28T,SLIM28TC, SLIM28TB, SLIM28TS, SLIM28TR, SLIM28TG1, SLIM28TS1, SLIM28TBU, SLIM28TG, SLIM28TW, SLIM28TG2	CB23H-28T

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
3) a control number issued by Intertek
4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, “Conforms to” shall appear with the standard number along with the word, “Standard” or “Std.” Example: “Conforms to ANSI/UL Std. XX.”

For Canadian standards, the words “Certified to CAN/CSA Standard CXX No. XX.” shall be used, or abbreviated, “Cert. to CAN/CSA Std. CXX No. XX.”

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use. The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:
Intertek Testing Services Shanghai Limited
ETL Component Evaluation Center
Building No. 86, 1198 Qinzhou Road (North)
Shanghai 200233, China
Attn: Ms. Emiliana Zhou
Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Dielectric Voltage Withstand Test
Grounding Continuity Test
Pressure Tests

11.1 Dielectric Voltage Withstand Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.
The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contactors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made. The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.
The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.
If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:
1 - a voltmeter in the primary circuit;
2 - a selector switch marked to indicate the test potential; or
3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.
In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

Product	**Test Voltage**	**Test Time**
All products covered by this Report.	1000V or 1200V	60 s 1 s
Product - One sample from each shipment of Section 4.0 item 17, 34	**Test Voltage**	**Test Time**
Between prim. and sec.	3000V	60 s
Between prim. and core	1500V	60 s

11.2 Grounding Continuity Test

Method

Each product listed below shall be subjected to a test to determine that there is continuity between accessible dead-metal parts of the product and the grounding pin or blade of the attachment plug.

If all accessible dead metal is connected, only a single test need be performed. A visual or audible device (ohmmeter, buzzer, etc.) may be used to indicate grounding continuity.

Products Requiring Grounding Continuity Test:

All products covered by this Report.

11.3 Pressure Tests for Leakage and Strength

Method

As a routine production-line verification, each refrigerator shall be tested and proved tight at not less than the design pressures marked on the refrigerator.

If the final assembly of a self-contained refrigerator is completed with flare-type fittings or telescoped tubing joints that are sealed with solder, brazing, or the equivalent to the pressure test method.

At least once each year, the manufacturer shall conduct a strength test on refrigerant containing or carbon dioxide-pressured parts of the shell type, including compressor shells that have an inside diameter greater than 3inches(76mm). The test is to be conducted on at least one sample of each size and type. The sample shall be proved tight when subject to strength test.

Products Requiring Pressure Tests for Leakage and Strength:

All products covered by this Report.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
14-Aug-2023	Rocky Gu	2.0	-	Add new model: CB23H. Revise Model Similarity accordingly. Revise Ratings from 115V, 60Hz, 1.85A, R600a/54g to 120V, 60Hz, 1.5A, R600a/30g.
230700204HAN	Allen Ding	3.0	1-21	Revise description for add model CB22C.
		3.0	31-43	Add photos for new model CB23H.
		4.0	10	Add alternative Compressor: M43C5L.
		4.0	28	Add new component Metal enclosure.
		4.0	29	Add new component LED lamp.
		8.0	-	Test Summary
8-Sep-2023	Rocky Gu	9.0	ML1	Add ML1: SeaLoon International Group (HongKong) Limited with brand name: Silonn and ML model: SLIM27C, SLIM27B, SLIM27S, SLIM27R, SLIM27G1, SLIM27, SLIM27BU, SLIM27G, SLIM27W, SLIM27G2, SLIM27S1, SLIM27T, SLIM27TC, SLIM27TB, SLIM27TS, SLIM27TR, SLIM27TG1, SLIM27TS1, SLIM27TBU, SLIM27TG, SLIM27TW, SLIM27TG2 based on BL model: CB22C.
230900237HAN	Allen Ding			
24-Jan-2024	Rocky Gu	2.0	-	Add new brand names: Auseo, Antarctic Star, Kismile, AGLUCKY. Add new models: CB23H-28T, CB24C, Z3424-WHITE, Z3424-BLACK. Revise Model Similarity accordingly.
231100759HAN	Allen Ding	3.0	22-27	Revise description for add model CB22C and CB23H.
		3.0	44-51	Add photos for new models.
		4.0	7	Change Manufacturer of Cable Ties from "Fato Mechanical Electrical Equipment Group Co., Ltd." to Various. Change Type of Cable Ties from CF 3-100 to Various.
		4.0	9	Add alternative Switch in low-voltage circuit: KW-5. Delete Manufacturer of Switch in low-voltage circuit: "zhejiang jialong electronic co., ltd", "Yueqing lianfa electronic co.,ltd".
		4.0	12	Change Manufacturer of Valve from "SANHUA HOLDING GROUP" to "ZHEJIANG SANHUA INTELLIGENT CONTROLS CO LTD". Change Type of Valve from FDF-2AG05 to FDF2AG05. Add alternative Valve: FDF-1-2A.
		4.0	13	Delete Manufacturer of Synchronous motor: "FOSHAN FUYUAN ELECTRICAL TECHNOLOGY CO.,LTD".
		4.0	18	Delete Manufacturer of Y capacitor: "SHENZHENG WEIDY INDUSTRIAL DEVELOPMENT CO LTD", "Shantou Heye Electronic Co Ltd", "Jsh Hsu (JEC) ELECTRONICS LTD". Add Type of Y capacitor: JY, JD manufactured by "JYH HSU (JEC) ELECTRONICS LTD", "JYH CHUNG (JEC) ELECTRONICS CO LTD".

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
		4.0	19	Correct Type of Optocoupler from LTV817 to LTV-817, from EL-3022 to EL3022, from QX-3022 to QX3021. Delete Type of Optocoupler: MOC3021S manufactured by "SHENZHEN ORIENT COMPONENTS CO LTD". Delete Manufacturer of Optocoupler: "Shenzhen Olonde Components Co., Ltd".
		4.0	20	Change Type of X2 capacitor from X2 to "MPX, MKP", manufacrured by "CHANGZHOU DEJIE PHOTOELECTRIC TECHNOLOGY CO LTD". Add Manufacturer of X2 capacitor: "JYH HSU (JEC) ELECTRONICS LTD", "Dongguan QinHong (QNR) Electronic Technology Co LTD".
		4.0	21	Correct Type of Varistor from CDSPC-10D471 to CDSPC-10D471K, from 471K-10D to V-471K-10D(E), from STE-07D561K to 07D561K, from HVR-07K561 to HVR07K561, from HEL-07D561K to HEL07D561K. Delete Manufacturer of Varistor: "HUIZHOU SHI SONGLONG LISHANG ELECTRONI", "Chengdu Tieda Electronic Co., Ltd", "JYA-NAY Co Ltd". Add Manufacturer of Varistor: "JYH HSU (JEC) ELECTRONICS LTD", "Suzhou Xinhonggao Electronic Co., Ltd".
		4.0	23	Delete Manufacturer of Relay: "YueQing MeiShuo Relays Co. Ltd". Add Type of Relay: MPA-S-112-A manufactured by "Zhejiang MeiShuo Electric Technology Co Ltd".
		4.0	30	Add new component Class 2 power supply.
		5.0	30	Add new component Class 2 power supply.
		8.0	-	Test Summary
		9.0	ML1	Add ML models: SLIM28T,SLIM28TC, SLIM28TB, SLIM28TS, SLIM28TR, SLIM28TG1, SLIM28TS1, SLIM28TBU, SLIM28TG, SLIM28TW, SLIM28TG2 with brand name: Silonn based on BL model: CB23H-28T.
19-Apr-2024	Rocky Gu	2.0	-	Add new models: CB24M-A, CB24M-B, CB24M-C, CB24M-D, CB24M-E, CB24M-F, CCIC152-SSWHITE, CCIC152-SSBLACK, CCIC152-SS, Z3424SN, CCIMC24, KKIMBF-26SS. Revise Model Similarity accordingly.
240300013HAN	Allen Ding	3.0	45, 48-49	Revise description for add model CB24M-A, CB24M-D, CB24M-E, CB24M-F.
		3.0	52-71	Add photos for new models.
		4.0	1	Add alternative Plastic enclosure: GE-150.
		4.0	11	Change Manufacturer of Water pump from "Changzhou Guoye Changyu Electric Co., Ltd." to "Changzhou Duling Controller Co.,Ltd.". Add alternative Water pump: KD-28.
		4.0	13	Revise Technical data of Synchronous motor for 50TYZ-E from 100-120V to 110-120V.
		4.0	19	Revise Type of Optocoupler from MOC3021 to MOC3021-A.
		4.0	31-34	Add new components.
		5.0	33	Add new component Class 2 power supply.
		6.0	11	Add transformer item 34.
		7.0	3c	Add Specifications for transformer.
		8.0	-	Test Summary
		11.0	11.1	Add transformer item 34.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
27-May-2024	Rocky Gu	2.0	-	Add new brand name: Paris Hilton. Add new models: PH12345; may be followed by -; may be followed by up to two characters, W137USN-B101. Revise Model Similarity accordingly.
240500735HAN	Allen Ding	4.0	18	Revise Technical data of Y capacitor from 2200pF/4700pF to 2200pF/3300pF/4700pF.
		4.0	19	Add Type of Optocoupler: ORMOC3021 manufactured by "SHENZHEN ORIENT COMPONENTS CO LTD". Add Type of Optocoupler: EL3021 manufactured by "EVERLIGHT ELECTRONICS CO LTD". Add Manufacturer of Optocoupler: "BRIGHT LED ELECTRONICS CORP", "CHANGZHOU GALAXY CENTURY MICRO-ELECTRONICS CO LTD".
		4.0	20	Revise Technical data of X2 capacitor for MPX manufactured by "DAIN ELECTRONICS CO LTD" from "275V, 0.1μF" to "250/275V, 0.1μF/0.22μF/0.33μF". Revise Technical data of X2 capacitor for MKP-X2 manufactured by "GUANGDONG FENGMING ELECTRONIC TECH CO LTD" from "275V, 0.1μF/0.22μF, T110" to "250/275V, 0.1μF/0.22μF/0.33μF, T105/110". Add Manufacturer of X2 capacitor: "FOSHAN CITY XINYUAN ELECTRONIC CO LTD", "FU XIN PAN OCEAN ELECTRONIC LTD".
		4.0	21	Add Type of Varistor: 10D561K manufactured by "SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD". Add Type of Varistor: HVR10K561 manufactured by "Haohua Electronic Co.". Add Manufacturer of Varistor: "THINKING ELECTRONIC INDUSTRIAL CO LTD".
		4.0	23	Add Type of Relay: Y32F-SH-112DM manufactured by "Shenzhen Yuanze Electric Co Ltd".
		4.0	33	Correct Type of Class 2 power supply from HYG48-YT-002 to HYG48-YT-005.
		5.0	33	Correct Type of Class 2 power supply from HYG48-YT-002 to HYG48-YT-005.